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Revised Uniform Summary of Surface Weather Observations (RUSSWO)-	Final rept.
Hickam AFB, Honolulu, Hawaii	6. PERFORMING ORG. REPORT NUMBER
AUTHOR(s)	8. CONTRACT OR GRANT NUMBER(s)
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USAFETAC/CBD	12 REPORT DATE
Air Weather Service (MAC)	21 Nov, 1980
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Approved for public release; distribution unlimited to the abstract entered in Block 20, 11 different in the supplementary notes 19 **RUSSWO** Snowfall Extreme snow depth Ext Climatology Sea-level pressure Psyc Surface Winds Extreme temperature Cei	Ospheric pressure reme surface winds chrometéric summary ling versus visibility (over)

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- 19. Percentage frenquency of distribution tables
 Dry-bulb temperature versus wet-bulb temperature
 Cumulative percentage frequency of distribution tables
- 20. and dew point temperatures and re alive humidity); and (F) Pressure Summary (means, standard, deviations, and observation counts of station pressure and sea-level pressure). Data in this report are presented in tabular form, in most cases in percentage frequency of occurance or cumulative percentage frequency of occuring tables.

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REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS

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HONOLULU IAP HI N 21 20 W 157 55 PHNL

WBAN #22521 WMO #91182

2 4 NOV 1980

PARTS A-F

FOR FROM HOURLY OBS: JUN 70 - MAY 80

POR FROM DAILY OBS: JUN 39 - MAY 80

TIME CONVERSION GMT TO LST: -10

NOV 2 1 1980

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Wayne E. M. Collon

Technical Information Section USAFETAC/TST

WALTER S. BURGMANN AWS Scientific and Technical

Information Officer

1 3 FEB 1911

US AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS

HOURLY OBSERVATIONS

observations are defined as those record or record-special observations recorded at scheduled hourly intervats.

DAILY OBSERVATIONS

raily observations are delected from all data recorded on reporting forms and combined into Summary of the bay observations. (selected fig. record-special, local, dimmary of the day, remarks, etc.)

DESCRIPTION OF SUMMARIES

receive each section is a brice description of the data comprising each part of the herized Uniform Summary of Surface Scatters therealisms and the sammer of presentation. Tabulations are prepared from hourly and daily observations recorded by stations operated by the construction and some force in stations using similar reporting practices.

and otherwise noted the following manageries are included for this station:

PART A WEATHER CONDITIONS

ATMOSPHERIĆ PHENOMENA

"". B PRECIPITATION

SNOWFALL

SNOW DEPTH

PARTC SURFACE WINDS

PART D CEILING VERSUS VISIBILITY

SKYCOVER

PART E DAILY MAX, MIN, & MEAN TEMP

EXTREME MAX & MIN TEMP

PSYCHROMETRIC-DRY VS WET BULB

MEAN & STD DEV .

(DRY BULB, WET BULB, & DEW POINT)

RELATIVE HUMIDITY

PART F STATION PRESSURE

SEA LEVEL PRESSURE

STANDARD 3-HOUR GROUPS

A. A. America requiring diurnal variations are summarized in eight 3-hour periods corresponding to the following sets of hourly observations: -c -, 322-000, 0500-0500, 0500-1500, 1200-1400, 1500-1700, 1800-2000, 2100-2300 hours local standard time.

MISSING HOUR GROUPS

Summary sneets are omitted when stations maintaining limited observing schedules did not report certain three-hour periods for any particular month during the available period of record. Such missing sheets are listed below, and are applicable to all summaries prepared from hourly of areast tons.

A uk	APRIL	JULY	ov. Lober
raidat	MVA	VIX.07:	(A)
"%: n	JUNE	GEPTEMBER	restable

574 2945A

As Hickam AFB HI and Honolulu IAP HI are co-located, the meteorological observations were taken by AWS from 3906-4907 and by the NWS from 4607-present. The specific data used in this summary are:

Hourly Data 7006-8005 (NWS) Daily Data 3906-4907 (AWS) 4908-8005

(NWS)

STATION NO ON SUMMARY LATITUDE LONGITUDE FIELD ELEV (FT) 22521 HICKAM AFB HI (Honolulu IAP) N 21 20 W 157 56 PHNI. 9119. STATION LOCATION AND INSTRUMENTATION HISTORY NUMBER TIPE AT THIS EQUATION OBS PER ELEVATION ABOVE HSL OF STATION SOUTH'A LONGITUDE OF LOCATION CEOGRAPHICAL LOCATION & NAME (IELD (FT) HT BARO. DAT EROM 10 h 21 20 38 Ft Hickam Field Hawaii 1 AAF June 39 May 40 W 157 57 3.5 2 Same Same June 40 Sep 44 Same Same : ame Same 17 Ft 3 Same Oct 44 Sep 1 24 Samo аe Jame 4 Same Same Oct 45 June 4 Same Same 26 28 Ft. . 4 5 9 38 Ft. Honolulu IAP Hawaii WB Nov 49 Dec 53 N 21 20 W 157 55 24 10 6 Same Same Jan 53 Oct 62 Same Same Same 7 Feb 73 52 Ft Same Same Nov 62 Same Same Same 8 Mar 73 Same Same Same Dec 73 Same Same 13 Jan 74 May 80 W 157 56 18 Ft. Same Same Same SURFACE WIND EQUIPMENT INFORMATION NUMBER DATE REMARKS. ADDITIONAL EQUIPMENT OR REASON FOR HANG TYPE OF RECORDER OF LOCATION HT ABOVE GROUND TYPE OF TRANSMITTER LOCATION CHANGE N/A 60 F Located on the weather station Anemom-Jun 39 eter ML 144B Located NE corner of operations Selsyn Same 2 Oct 44 34 Ft. Oct 45 Located NE corner of ATC terminal Same Same 3 bldg Located on the control tower Friez 93 Ft Nov 49 Selsyn 1.F420B N/A Same Aug 8,57 2.F120A N/A Same 29 Pt 1.F420C N/A Oct 62 Located on a mast on the field 2 F102A N/A 29 Ft

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

CONTINUED ON REVERSE SICE

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0-19 (OL A)

UNBER	DATE	SURFACE				
OF OCATION	CHANGE	LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND	REMARKS. ADDITIONAL EQUIPMENT. OR REASON FOR CHANGE
7	May 66	Same	1.F420D	N/A	21 Ft	
j	-		2.F102A	N/A	21 Ft	
	Aug 66	Same	1&2 Same	Same	&2 Same	
9	Dec 67	Same	1&2 Same	Same	1.25 Ft	
Į				1	2.24 Ft	
.0	Dec 70	Same	l. Same	Same	1.25 Ft	
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U S AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER

PART A

WEATHER CONDITIONS

This summary is a percentage frequency occurrence of various atmospheric phenomena and obstructions to vision, derived from hourly observations, and is presented in two tables as follows:

- 1. By month and annual, all hours and years combined.
- 2. By month, all years combined, by standard 3-hour groups.

A percent value of ".0" in these tables indicates less than .05 percent, which is usually only one occurrence. The various phenomena included in each category on the forms are listed below:

Thunderstorms - All reported occurrences of thunderstorm, tornado, and waterspout.

Rain and/or drizzle - All liquid precipitation, falling to the ground, not freezing.

Freezing rain and/or freezing drizzle (glaze) - Precipitation falling in liquid form, but freezing on contact with an unheated surface.

Snow and/or sleet (ice pellets) - Included are snow, snow pellets, sleet, snow grains, ice crystals, and ice pellets from Jan 68 and later. (Snow pellets also known as soft hail)

Hail - Occurrences of hail and small hail are included.

Percentage of observations with precipitation - Included in this category are the observations when one or more of the above phenomena occurred. Since more than one type of precipitation may be reported in the same observation, the sums of the individual categories may exceed the percentages of the observations with precip.

Fog - Included are fog, ice fog, and ground fog.

Smoke and/or haze - Occurrences of smoke, haze, or combinations of smoke and haze are included.

Blowing snow - Occurrences of blowing snow (also drifting snow when reported from non-WBAN sources).

Dust and/or sand - Included are blowing dust, blowing sand, and dust.

Continued on Reverse

A - 1

A

Blowing spray - This item if reported, is not shown in a separate category on this form but is included in the computation Percentage of Observations with Obstructions to Vision, below.

Percentage of observations with obstructions to vision - Included in this category are the observations when one or more of the above obstructions to vision occurred. Since more than one type of obstruction may be reported in the same observation, the sums of the individual categories may exceed the percentage total columns. Also, although precipitation may reduce visibility, it is not considered an obstruction to vision for purposes of this summary; therefore, the percentage total of obstructions to vision need not reflect the total observations with reduced visibility.

ULUTAL CLIPATOLOGY TRANCH USAFETAC ATH WEATHER SERVICUMMAC

WEATHER CONDITIONS

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STATION

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STATION NAME

YEARS

MONTH

PRICENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOUTLY GBSERVATIONS

ИОИТН	HOURS (LST)	THUT DER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
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	7-11		٠, ٠				8.1	· 					737
 	12-14	• i	(• -				د . 7		<u> </u>				73.
	; 7	• 3	e.5				د.3						° 3 ^
	, = - z .		U•5				5.5						933
	.1-23		5.9				5.9						951
TOTALS		·i	4.7				\$. 7		•.				7442

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WEATHER CONDITIONS

22521 HONOLULU IAP HI 71-80 FEB
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HO! RS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
FEB	9-02	• 2	13.2				10.2						849
	. 3-05	. 4	13.2				10.2						849
	J6 - 08	• 2	9.3				9.3		<u> </u>				849
··-	.9-11	• 2	9.0			 	9.0						849
	12-14	. 4	8•2				8.2						849
	15-17		8.7				8.7					Li	849
.,.	18-20		6.4			·	6.4						849
	21-23	•1	7.7				7.7						849
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TOTALS		.2	8.7				8.7						6792

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WEATHER CONDITIONS

22521 STATION

HONOLULU IAP HI

71-80

MAR MONTH

YEARS

PEPCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST • AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
MAR	60 - 02		11.7				11.7						930
	. 3-05		12.5				12.5						930
	66-98		11.5				11.6						929
	.9-11		11.4				11.4						930
	12-14		3.4				8.4		• 1			• 1	930
	15-17	• 2	8•4				8 • 4						930
	£8 - 20		9•5				9.5			•			930
	21-23		13.7				13.0						930
TOTALS		. 0	10.8				10.8		•3			•0	7439

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WEATHER CONDITIONS

22521 HONOLULU TAP HI 71-81

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PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
APR	00 - 02	• 3	14.3				14.3						900
	u3 - 05		20.7			<u> </u>	10.7						900
	s0 - 6t	. 4	14.3				10.3						900
	.9-11	• 2	10.2				10.2						900
	12-14	•1	7•2				7.2						900
	15-17		7.4				7.4						900
	±8-20	.2	11.5				11.6						900
	21-23	• 2	14.1				14.1						900
									<u> </u>				
									 				
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TOTALS	<u> </u>	. 2	10.7				10.7		<u> </u>	<u></u>	<u> </u>		7200

USAFETAC FORM 0-10-5(OL A), PREVIOUS EDITIONS OF THIS PORM ARE OBSOLETE

WEATHER CONDITIONS

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HONOLULU IAP HI
STATION NAME

71-80

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
MAY	(0-02	• 2	8∙5				8.5						930
:	03-05	. 1	8•0				8.0						930
	u6-08		5.8				5.8						930
	ਦ9=11		6.1				6.1						930
	12-14	• 3	4.3				4.3						929
	15-17	• 1	5•8				5.8				•		927
	.8 - 20	• 3	7.9				7.9						927
	∠1-23	•1	8.3				8 • 3		ļ				927
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TOTALS		. 1	6 • 8				6.8						7430

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WEATHER CONDITIONS

22521 HONOLULU IAP HI 70-79 JUN
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

монтн	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
אטע	30-02		ε.3				8 • 3						900
	23-05		7.8				7 • 8						950
	ĉ6 − 08		7.5				7•5						899
	:9-11		5.6				5•5						899
	12-14	•1	3.6				3 • 6						900
	15-17		3.4				3 • 4						980
	18-20		4.9				4.9						900
	21-23		8.2				8.2	·	! !				900

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TOTALS		• 0	6.2				6.2						7198

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WEATHER CONDITIONS;

22521 HONOLULU IAP HI 79-79 JUL
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JUL	.0-02		6.5				6.6						930
	03-05		8.9				8.9						930
	06-08		8.9				8.9						930
	39-11		5.9			!	5.9						930
	12-14		2.4				2.4						930
	15-17		3.0				3•∪						929
	18-20		6.4				6.4						929
	21-23		7.7				7.7						930
TOTALS			6.2				6.2						7438

USAFETAC $_{\text{NUY}}^{\text{FORM}}$ 0-10-5(OL A), previous editions of this form are obsolete

WEATHER CONDITIONS

22521 STATION IN GAI ULU ONCH

7u-79

AUG MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

нтиом	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS,
AUG	30-02		5.5				5 • 5						930
	03-0 5		5.7				5.7						930
	£6 − 08		5.6				5•6						930
	.,9-11		3 • 2				3.2						930
	12-14		2 • 2		ļ		2•2						930
	15-17		2.5				2.5						930
	18-20		3.8		 		3.8						930
	21-23		5.2				5 • 2						930
TOTALS			4 • 2				4 • 2						7440

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WEATHER CONDITIONS

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STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

нтиом	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SHOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
SEP	00-02		4.8				4.8						900
	03-05		ų , 4		i		4•4	_					899
	≎6 - 08		3.2				3.2						903
	.9-11		4.5				4 • G						900
	12-14	• 2	2.7		-		2•7						930
	15-17	. 4	3.5				3.6						900
	18-2:3		3.1				3.1						900
	ž1-23		4.3				4.9						900
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TOTALS		.1	3.8				3.8						7199

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PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	fOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
OCT	50-02		6.8				6.8						930
	03-05		5.9				5.9		1				930
	80-5د	• 1	6.3				6.3						930
	.9-11		4.6				4.6		. 1			•1	930
	12-14	• 2	4.7				4.7		• 3			• 3	930
	15-17	•1	5•2		·	٠	5•2		•2			• 2	930
	18 - 20	• 1	6.5				6.5						930
	21-23	• 3	8.5				8.5						930
TOTALS		• 1	6.i				6.1		•1			•1	7440

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STATION NAME

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

монтн	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
NOV	υ 0- ύ2	• 2	11.1				11.1						900
	03-05	• 4	10.7				13.6						900
	.:6 - 68	• 1	6.6				6.6						950
	1.9-11		7•3				7.3						900
	12-14		6.9				6.9						900
	15-17	• 4	8•3				8.3						900
	18-23	• 2	9•6				9.6						900
	21-23		12.6				12.6						899
TOTALS		• 2	9.1				9.1						7199

USAFETAC TORM 0-10-5(OL A), PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

WEATHER CONDITIONS

22521

HONOLULU IAP HI

72-79

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

нтиом	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
DEC	~ 0 =02		11.4				11.4						930
	⊎3 ~ 05		10.7				10.7						929
	36 - 08	• 1	10.3				10.3						930
	.9-11		14.1				19.1						936
	12-14		7.2				7.2						930
	15-17		7.5				1.6						930
	18-26	• 1	16.5				10.0						930
	21-23	• 1	15.5				16.5						930
			,										
TOTALS		• 5	9•7				9.7						7439

USAFETAC FORM 0-10-5(OL A), PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

WEATHER CONDITIONS

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HONOLULU IAP HI

STATION NAME

79-80

ALL MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF MEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	SHOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
MAL	ALL	• 1	8.7				8.7		• 14			. 1	7440
FEB		• 2	8.7				8.7						6792
MAR		• ជ	10.8				10.8		• 0			.0	7439
APR		• 2	16.7				10.7						7200
MAY		• 1	6.8				5.8						7430
אטנ		•0	6•2				6.2		<u> </u>				7198
JUL			6.2				5.2						7438
AUG			4•2				4.2						7440
SEP		.1	3.8				3.8						7199
oct		.1	6.1				6.1		.1			• 1	7440
VOV		• 2	9.1				9.1						7199
DEC		• 0	9.7				9.7						7439
TOTALS		• 1	7.6				7.6		• 0			•0	87654

USAFETAC ROTA 0-10-5(OL A), PREVIOUS EDITIONS OF THIS POINT ARE OBSOLETE

PART A

ATMOSPHERIC PHENOMENA

This summary is a presentation of the percentage of days with occurrence of various atmospheric phenomena. These data are obtained from all recorded information on the reporting forms or from hourly data and combined into a daily observation.

The descriptions of the phenomena in the Weather Conditions Summary above also apply for the categories summarized in these daily tabulations. However, it should be noted that in this summary the columns headed "\$ OF OBS WITH PRECIP" and "\$ OF OBS WITH OBST TO VISION" show the percentage of days rather than the percentage of observations. Since more than one type of precipitation or more than one type of obstruction may occur in the same daily observation, the sum of the values in the individual categories may differ from the total columns.

A percent value of ".0" in the table indicates less than .05 percent, which is usually only one occurrence.

This presentation is by month with annual totals, and is prepared with all years combined.

- NOTES: (1) A day with rain and/or drizzle was not separately reported in the WBAN data prior to year 1949.

 Therefore, percentages in this column are restricted to the period Jan 1949 and later.
 - (2) A day with freezing rain and/or freezing drizzle is also properly reported as a day with rain and/or drizzle.
 - (3) A day with dust and/or sand is included in this summary only when visibility is reduced to less than 5/8 mile.

ATMOSPHERIC PHENOMENA

22521 STATION

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HONOLULU IAP HI

ALL

STATION NAME

MONTH

PERCENTAGE OF DAYS WITH VARIOUS ATMOSPHERIC PHENOMENA FROM DAILY OBSERVATIONS

монтн	HOURS (L S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	fOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	PAILY	2.9	59.5				56.9		1.3			1.3	1085
FEB		3.3	54.4				61.1		• 8			- 8	989
MAR		3.€	66.2				62.9		•2			• 2	1085
APR		1.9	72.8				68.8		• 3			• 1	1047
MAY		1.2	67.5				63.2						1085
אטע		• 1	69.7				64.3	•1	• 6			. 7	1020
JUL		• 3	72.1				66.8						1052
AUG		• 3	67.6				63.7						1023
SEP		1.3	52.6				58.3						990
ост		2.3	63.7				59.3		• 3			• 3	1023
NOV		2 • 8	68.2				54.4	_					1020
DEC		2.8	55.7				63.2		• i			• 1	1054
TOTALS		1.8	56.7				62.7	• 3	• 3			• 3	12473

USAFETAC PORM 0-10-5(OL A), REVIOUS

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART B

PRECIPITATION, SNOWFALL & SNOW DEPTH

This part of the Uniform Summary consists of eight summaries derived from daily observations as follows:

- *1. The first set presents, in three tables, the percentage frequency of various daily amounts of PRECIPITATION, SNOWFALL, and SNOW DEPTH. The daily amount summary is prepared by month and annual, all years combined, and includes percent of days with measurable amounts; percent of days having none, traces, and given amounts; and means, greatest and least monthly amounts. (The last three statistics are omitted from the snow depth summary because of their doubtful and limited value.) A total count of valid observations is given for months and annual. Stations are included in which a portion or all of the period may contain months with missing days. This will be noted on the summary pages. A percent value of ".O" in these daily amount tables indicates less than .05 percent which is usually only one occurrence.
- The second set of three tables presents the extreme daily amounts, by individual year and month, of PRECIPITATION, SNOWFALL, and SMOW DEPTH for the entire period of record available. Also provided are the means and standard deviations for each month and annual (all months) and the total valid observation count. An asterisk (*) is printed in any year-month block when the extreme value is based on an incomplete month (at least one day missing for the month). When a month has valid observations reported but no occurrences, zeros are given in the tables as follows:

EXTREME DAILY PRECIPITATION	".00" equals none for the month (hundredths)
EXTREME DAILY SHOWFALL	".0" equals none for the month (tenths)
EXTREME DAILY SNOW DEPTH	"0" equals none for the month (whole inches)

3. The third set of two tables provides the total monthly amounts of PRECIPITATION and SNOWFALL for each yearmonth and annual. Also prepared are the means, standard deviations, and total number of valid observations for each month and annual (all months). An asterisk (*) is printed in each data block if one or more days are missing for the month. No occurrences for a month are indicated in the same manner as in the extreme tables above. If a trace becomes the extreme or monthly total in any of these tables it is printed as "TRACE."

Continued on Reverse Side

" Values for means and standard deviations do not include measurements from incomplete months.

NOTES:

- (1) The above studies may also be prepared for stations operating for less than full months for portions or all of the period of record. This may include stations operating 5 or 6 days a week and those with only random days missing. An asterisk (*) in the data blocks will give an indication that a month is incomplete. Please refer to Station History at front of book and observation counts in each summary to evaluate the amounts of data missing.
- (2) Hail was included in snowfall occurrences in the summary of day observations prior to Jan 56, but these occurrences have been removed from snowfall category and counted as Hail in these summaries.
- (3) Snow Depth was reported and punched at various hours during the period available from U. S. operated stations. The hours used by each service for each period are as follows:

Air Force Stations:

U. S. Navy and National Weather Service (USWB)

Begirning thru 1945	at 0800LST	Beginning thru Jun 52	at 0030GMT
Jan 46-May 47,	at 1230GMT	Jul 52-May 57	at 12300MT
Jun 57-present	at 1200GMT	Jun 57-present	at 1200GMT

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DAILY AMOUNTS

PERCENTAGE FREQUENCY OF PRECIPITATION (FROM DAILY OBSERVATIONS)

22521 HONOLULU TAP HI 39-80
STATION STATION NAME YEARS

						AM	OUNTS (II	NCHES)						PERCENT		MONI	THLY AMO	UNTS
PRECIP.	NONE	TRACE	01	.0205	.0610	.1125	26- 50	.51-1 00	1 01-2 50	2 51-5 00	5 01-10 00	10 01-20 00	OVER 20 00	100	TOTAL NO,		(INCHES)	
SNOWFALL	NONE	TRACE	01-04	0 5-1.4	1.5.2.4	2534	3.5.4 4	4.5.6.4	6.5.10.4	10 5-15 4	15 5.25 4	25 5-50 4	OVER 10 4	MEASUR-	OF OBS.	MEAN	GREATEST	LEAST
SNOW- DEPTH	NONE	TRACE	1	2	3	4.6	7.12	13-24	25.36	37.48	49-60	61-120	OVER 120	AMTS				
JAN	45.5	23.5	4.5	5 • 8	4 • 5	5.3	3.8	2.6	2.3	1.1	• 2			30.9	1271	4.14	13.33	•61
FEB	39.4	28.	5 • 8	8 • 8	4 • 1	5.7	3.8	2 • 2	1.7	• 4	• 1			32.5	1159	2.52	13.68	•26
MAR	36.8	34.5	4.9	3.7	4 • 1	4.1	2•6	2•3	1.7	• 5		•1		28.6	1271	2.90	20.79	.01
APR	32.4	39.3	7 • 2	8 • 5	4 • 3	4.2	1.8	1.3	• 8	• 2				28.4	1230	1.45	8.92	.01
MAY	37.	40.8	7.0	7 • 4	2.2	2.7	1.3	• 6	• 3	• 2				22.3	1271	1.12	7.23	•01
אטנ	34.8	46.3	7. 1	7.9	1.6	1.2	.8	• 2	• 2					18.8	1200	• 40	2.46	TRACE
JUL	32.8	46.1	6.4	8.9	2.5	1.6	1.1	• 6						21.1	1237	•50	2.01	•03
AUG	36.9	42.6	5.6	8.3	3.1	2	.7	• 3	• 4					29.5	1226	•60	3.08	TRACE
SEP	42.1	35•9	6 • 5	7.9	3.0	2.3	1.1	و .	• 2					22.0	1170	• 65	3.39	• 05
ocr	38.5	33.8	6.3	9.6	3 • 1	3.4	2.4	1.7	• 8	. 4	• 1			27.6	1271	1.91	11.15	• 08
NOV	35.3	34.8	5.4	9.6	4 • 2	3.6	2.5	1.7	2.0	• 7	• 7			29.9	1230	2.97	14.72	• C3
DEC	35.2	32.9	5.4	8.8	3.8	6.0	3.1	2.7	1.7	,	• 2	2		31.9	1271	3.11	12.09	•66
ANNUAL	37.2	36.5	6. :	8.4	3.4	3.5	2.1	1.4	1.0	• 3	• 1	• 0		26.2	14807	22.31	X	X

USAFETAC FORM 0-15-5 (OLA) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

EXTREME VALUES

PRECIPITATION

(FROM DAILY OBSERVATIONS)

22521 STATION

HONOLULU TAP HI

39-80

YEARS

24 HOUR AMOUNTS IN INCHES

MONTH	JAN.	FEB.	MAR	APR.	MAY	,MUL	JUL.	AUG.	SEP.	ост.	NOV.	DEC.	ALL MONTHS
39						•18	•22	.21	2.89	4.53	2.60	.15	
40	• 91	.08	1.08	.23	. 49	. 37	-64	.11	.14	.59	5.51	• 15	5.51
41	. 19	.18	•06	.11	80.	• 32	•03	• 92	• 17	.97	•07	•08	• 97
42	•13	• 57	•26	. 44	.01			* .87		4.05	2.33	4.33	
43	3.13	. 45	1.00	•1û	2.82	• 38	• 06	.12	•12	.05	•02	.43	3.13
44	•01	1.76	1.00	• 31	• 45	• 35	•10		.02	•86	.18	1.31	1.78
45	• ú5	• 3 5	•07	2.15	•32	.01	• 56	.22	•2G	• 63	.73	•63	2.15
46	2.41	.96	•18	.12	•12	.€8	•29	.01	.07	. 33	1.26	1.15	2.41
47	1.01	.16	•40	• 13	1.38	•97	•06	•23	•83	.29	•59	•69	2.38
48	2.35	1.02	.44	1.79	• 05	-12		1.15	8C	80.	2.74	.20	2.74
49	5.02	3.16	• 32	• 35	•10	• 30k			l	• 13	.27	1.41	
5	4.59	• 52	•38	2.29	•14	•03	•01	•72		25	•54	3.76	4.59
51	•50	1.17	4 - 11	• 26	•13	• 34	•08	.30	.36	2.80	.09	2.50	4.13
52	4.15	.15	.16	. 14	•05	•03	.72	• 5)4	•20	1.37	.30	•19	4.1
53	• 57	1.43	• 47	•12	.07	•01	.12	•02	•64	• 39	•13	.49	1.43
54	•63	1.11	1.04	1.55	•13	-14	•96	•09	• 38	•22	5.39	•97	5.39
55	2.27	5.52	3.53	• 55	.41	• 02	•14	• 20	•07	• 26	1.03	5.37	5.5
56	2.04	1.33	.29	• 38	• 35	• 03	• 04	•28	•13	•78	3.17	2.00	3.1
57	3.85	.95	•01	• 49	•56	•97	• 33	•12	• 86	•67	1.78	1.43	3.8
58	•13	4.62		-18	•11	• 07	•39	1.47	•28	1.28	•13	2.21	15.3
59	1.74	1.81	• 09	• 36	.62	TRACE	• 20	2.10	.86	• 42	1.00	.16	2.10
53	.13	•26	•52	• 21	1.48	• 09	•64	•18	•46	•69	• 89	•83	1.41
61	2.01	•27	•19	• 28	• 09	• 34	•12	•14	.43	•79	•71	.76	2.0
62	.97	1.31	1.00	•96	•13	038	•08	•10	• 22	.24	•82	1.99	1.99
63	6.4	• 7 3	2.63	2.30	3.23	14	•74	•02	1.35	• 38	•16	.69	6.41
64	• 38	.21	1.91	•17	.11	• 03	•65	.21	• 37	•08	•53	1.96	1.90
65	2.13	.45	•68	•54	3.44	•14	•46	•54	• 32	1.38	4.32	6.40	6.41
66	•69	1.02	•39	•19	•35	-02	• 39	•46	•06	1.13	3.65	.82	3.6
67	.31	1.00	2.53	•62	1.07	2.00	•68	1.18	-89	•53	1.10	3.77	3.7
68	3.21	• 74	.87	2.07	1.96	• 1.7	•11	•E7	• 59	1.06	1.64	2.20	3.2
MEAN													
5. D.													
TOTAL OSS.		NOTE	* 1DA					NTUCA					<u> </u>

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-5 (OLA)

EXTREME VALUES

PRECIPITATION

(FROM DAILY OBSERVATIONS)

22521 HONOLULU TAP HT
STATION STATION NAM

2-85

YEARS

24 HOUR AMOUNTS IN INCHES

MONTH	JAN.	FEB.	MAR.	APR.	MAY	אענ.	JUL.	AUG.	SEP.	ост.	NOV.	DEC.	ALL MONTHS
69	3.91	. 1.3	2.41		•57	• 06	.28	• 05	•57	.68	2.43		3.91
73 7i	<u></u>	1.65	1.83	27	-10 -18	2.00	-61 -03	80	15	69	_1.5it	4 (17	1.50
72	4.75	2.49		•64 3•9:	.10	2.00	.07	•16	•49	1.12	•41 •20	1.47 2.50	2.00 4.75
73	.61	19	•11	• 32	.37	• 03	•12	.07	•37	•68	1.43	1.14	1.43
74	. 85	61	1.52	3.14	54	. 74	19		7.5	1.30	87	17	3.14
75	2.57	1.81	1.43	• 40	.10	.01	.18	.02	• 05	.11	5.01	•37	5.01
76	. 41	2.68	1.29	.13	.06	11	0.6	.05	13	24	.12	24	2.68
77	•12	• 24	•69	•62	1.50	. 38	•05	• 03	.03	.11	•32	•39	1.50
7.8	17	.39	43	1.16	1.90	68	.09	27	. 18	7.47	1.22	1.41	7.47
79 8J	1.87 3.69	2.03	•57	•22	• 99 • 25	• 69	•03	.10	.29	• 39	•26	•46	2.03
MEAN S. D.		1.15:	1.322			.241 .443	• 255 • 252		393			1.407 1.482	3.578 2.560
TOTAL OSS.	1271	1159							1173				14807

NOTE * (BASED ON LESS THAN FULL MONTHS)

SAF ETAC FORM 0-88-5 (OLA)

MONTHLY PRECIPITATION

(FROM DAILY OBSERVATIONS)

22:21 HONOLULU TAP HT
STATION NAME

TOTAL MONTHLY PRECIPITATION; IN INCHES

MONTH	JAN	FEB	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
39						• 64	•46	• 31	3.39	9.04	4.49	•50	
45	3.74	• 26	2.41	.83	1.59	•58	•71	• 39	. 39	1.51	5.98	.31	18.70
41	• 53	• 40	.19	• 24	•13	•62	•05	1.17	•22	2.82	• 09	•22	6.68
42	• 25	2.17	•68	•61	•61			* .07		5.94	3.44	9.98	
43	11.57	1.33	1.73	•16	3.61	•22	•11	• 36	.21	.17	•06	• 96	20.49
44	•01	3.57	5.61	•01	•56	• 16	•23		• 05	•18	. 44	2.60	13.42
45	•18	. 94	.18	4.57	• 6 4	.01	1.15	•39	• 36	•58	1.48	1.64	
46	7.52	2.10	•50	• 28	•29	•11	•43	•02	.12	•86	1.81	4.74	
47	1.13	• 38	1.22	•42	2.19	•22	.16	•73	2.38	. 44	•94	1.47	11.65
48	6.07	3.22	.74	1.90	•13	•21	.19	1.27	1.01	•25	4.28	.80	20.07
49	12.15	6.38	•55		•13	•50				• 35	•69	2.28	
5č	13.24	1.04	•63	5.74	• 32	•97	•83		• 49	•67	1.92	6.53	31.68
51	1.21	2.98	20.79	• 49	•23	.38	.24	1.14	•91	5.83		5.30	39.73
52	4.45	•48	•56	• 35	•15	•13	• 07	• 🛭 9	•27	2.50	1.21	•39	10.65
53	1.25	2.87	1.54	• 24	•14	•02	• 25	• 03	•71	•60	.42	1.90	9.97
54	1.49	3.98	2.54	1.58	•16	•2C	1.73	•19	• 54	1.04	9.39	4.36	27.30
55	2.74	13.68	4.36	• 85	•76	• 08	•23	• 5 9	•22	•37	1.89	12.09	37.86
56	3.58	3.30	•53	•51	1.01	.14	•12	•53	. 14	1.81	7.24	2.32	21.23
57	13.33	1.68	•01	1.56	1.12	•12	• 39	•37	•07	•11	2.62	2.84	24.22
58	•51	5.15		• 40	• 24	.21	•88	3.97	.48	2.88		2.64	35.02
59	3.76	2.23	.16	• 54	•69	TRACE	•28	3.D8	•88	•64	1.49	•39	14.14
60	.48	• 51	1.48	.01	3.85		•73			1.16	•22	2.24	12.07
51	4.17	•93	• 43	•71	• 23	.87	•28	• 47	• 48	2.4G		1.24	14.26
52	2.24	2.62	2.10		.32	•11	•13	• 32	•66	•70		3.32	13.58
63	10.58	1.11	8.39	8.92	3.36	•33	1.81	• 03	1.47	1.08	•20	1.43	37.91
64	2.18	• 52	5.21	•88	.21	• 08	1.34	• 46	•97	•34	2.36	5.57	20.12
65	3.02	•8C	•99	1.48	7.23	•25	1.37	•87	•52	3.56		7.97	42.78
56	1.39	3.71	• 39		.41	• 04	• 43	.82	.16	2.95		2.98	23.18
67	•79	2.53	6.78		2.12	2.43	1.21	2.53	•42	1.53		9.93	34.34
68	8.17	2.91	2.49	3.14	1.22	• 24	•29	.10	1.30	2.13	5.64	9.63	37.26
MEAN													
5. D.													
TOTAL OSS.													t

NOTE * (BASED ON LESS THAN FULL MONTHS)

(FROM DAILY OBSERVATIONS)

22521

HONOLULU TAP HI STATION NAME

30-8:2

YEARS

TOTAL MONTHLY PRECIPITATION IN INCHES

MONTH	JAN,	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	ост.	NOV.	DEC.	ALL MONTHS
69	8.20	• 48	3.00	• 10	·8 <u>1</u>	•23	•63	•11	.87	• 96			22.50
7:	1.81	77	.07	74	21	23	2.01	21	. 39		5.94	1.23	15.49
71	6.19	2.37	5.57	2.19	• 43	2.46	• 84	•26	1.03		•95	2.88	26.64
72	5.28	<u> 5.00</u>	2.45	5.15	-12	. 79	-20	.46	.92	2.39	•59	3.59	26.94
73	•67	.60	• 40	• 72	-89	.09	• 46	.32	•64	1.78	3.73	3.94	14.24
74	4.21	1.28	3.49	4.13	-82	1.52	.44		2.08		2.69	-59	24.02
75	6.42	2.36	2.52	•51	•19	•03	•4 ŭ	•03	•11	.18	11.54	•60	24.39
76	1.29	6.08	2.67	•71	-26	-18	-24		33	.45	46	.06	12.90
77 78	•52 •34	•32 •75	2.36	1.81 2.07	4.76	1.06	•14 •20	• 08	• 05 • 28		•61 1•55	1.45 2.06	12.36
79	4.57	7.21	•77	•55	•21	• 32	.13			•53	•52	1.50	25.05 16.93
80	8.91	2.23	3.84	1.13	.78	• 32	• 1 0	• 1.5	• 4 7	• 3 3	•32	1.30	10.73
MEAN S. D.	0.136 3.947			1.453 1.843		•569	•497 •49 <i>0</i>					3.11) 3.024	21.833 9.621
TOTAL OBS.	1271	1159				1200							14807

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-5 (OLA)

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF

22321

€.

€.

HONOLULU IAP HI

49-80

YEARS

						AMOUNTS (INCHES)											MONTHLY AMOUNTS		
PRECIP	NONE	TRACE	.01	.02- 05	.06-10		26- 50	.51.1.00	1 01-2 50	2.51-5 00	5 01-10 00	10 01-20 00	OVER 20 00	PERCENT OF DAYS WITH	NO.		(INCHES)		
NOWFALL	NONE	TRACE	01-04	0 5.1.4	1.5 2 4		OVER 50 4	MEASUR-	MEASUR. OF	MEAN	GREATEST	LEAST							
SNOW- DEPTH	NONE	TRACE	1	2	3	4.6	7-12	13-24	25 36	37.48	49.60	61-120	OVER 120						
JAN	1.0.0	;													992	• 0	• 13	• 1	
FEB	100.0														904	• 9	• 0	•	
MAR	193.3														992	.0	•3	•	
APR	199.0														960	•0	• ນ	•	
МАЧ	100.0														992	• 0	• 6	•	
NUL	130.0						<u> </u>								930	• 0	• 9	•	
JUL	100.0														960	• 0	• 0	•	
AUG	100.0														930	• 0	• 6	•	
SEP	160.3														900	• 0	• 0	•	
ост	100.3														961	•0	• 0	•	
моч	190.0														930	•0	•0	•	
DEC	100.7							1	1						961	•0	• C	•	
ANNUAL	130.0														11412	• 0			

USAFETAC FORM 0-15-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLET

EXTREME VALUES

SNOWFALL

(FROM DAILY OBSERVATIONS)

7252: HONOLULU TAP HI
STATION STATION NAME

YFARS

24 HOUR AMOUNTS IN INCHES

YEAR	JAN.	FEB	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	ост.	NOV.	DEC.	ALL MONTHS
49 1	• 0		• ¢	• 0	• 2	. 3	٠. د•			E	• ⊍	• ù	
55		<u>•</u> £		ن و	• £	•0	• 0	•0	- 3	• 3	• 3	<u>• G</u>	0
51	• 4	• 6	• દે .	• 4	• ú	• 0	• 6	• 0	• 0	• Ü	•0	•0	•8
32		<u>• 0</u>	<u>• Ş</u>	• 5	<u>•⊍</u>	<u>•</u> p	• 5	•0	• 0	- 6	• • • •	.0	0
53 54	• -	• D	•0	.0	• 5	• 0	• B	• B	• 3	• 0	•3	. O	•0
35	• <u>`</u>	• C	• 5 • 6		<u>•8</u>	•0	• 0 • 0		•0	.0	• 0	• 0	10.
56	•	.0		• U	• ນ • ນ	•0	• U	• 0		.0 .0	• û • 0	• G	. I
57	- -5	0		• 0	• û	•0	•0	• 0	.0	0	•3	• i.:	.0
58			• 0	.0		. 0	. 0	. 3	- 3	- 60	0	- 0 14	. n
59	• .	. 0	• 0	.3	• 0	• 0	• 0	.0		.0	• 0	.0	• 0
6ü		C	• 0	<u>.</u>	3	0	• 0	• 0	•0	. 0	0.	. 0	• 0
61	• :	• 0	• 0	• Ú	• 8	• 0	• 0	• 0	• ប	٠ŋ	•0	ال •	•0
62		<u>. 0</u>	• 0	. 3	<u>• ü</u>	0	. (1	.0	.0	.0	•0	.0	•Ω.
53	•	• 5	• 0	• C	ن.	• 0	• 8	• 0	• 0	• 0	• 9	• 0	•0
64	<u> </u>	٥.	• ()	ت•	• 0	•0	• ∪	• Ű	<u>.</u>	•0	• 0	• 3	•0
65	• 3	• 0	• ប	•0	• 0	• 8	• 0	• 0	• 0	• 0	• 0	• 0	•0
66	• ;	• 0	• <u>U</u>	ڭ ھ	• 0	•0	• 0	•0	• 5	• 0	•0	•0	•0
67	• 1.	• 0	• U	• 6	• 0	• 0	•0	• 0	•0	• Û	• 8	• 8	•0
68		<u>0 • </u>	•0	• រ	• 3	• 0 • 6	<u>• ɑ</u>	•0	•0	• 0	. 0 • 0	.a	. C
70		.0	• U	Ü	• U	• 0	•0	• 0	0.0	0 .0	• 0		.0
71		.0	•0	. 2	• 0		•0	90	0.0	• 0	• 0	• 0	•0
72		. 0	• 0	.0	. 0	0	.0	• 0	.0	.0	• 0	.0	•0
73	•	.0	•0	• 0	• 3	• 0	• 8	• 2	•0	• 8	.C	.0	• 0
74	·d	. 5	• C	.0	• 0	• 0	υ	. 0	• 0	.0	• 0	·Li	• 7
75	•:	. (• £	• 0	• 0	•0	• 0	•0	•0	•0	•0	.0	•8
76		C	<u>.</u>	• ₫	• 0	• 3		• 0	•0	• 3	• 0	• 0	0
77	• 0	٥.	• 0	• 0	•0	• 0	•0	• 0	•0	•17	• 8	•0	•8
78	• 0	• ū	• 0	• 0	• G	•0	• 0	• 0	• ប៊	·Ŭ	•0	.0	•0
MEAN													
S. D.													
TOTAL OSS.		NOTE	لبيبيا			TUAN E		ALTUCA	L			<u></u>	<u> </u>

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-5 (OLA)

C.

EXTREME VALUES

SNOWFALL

(FROM DAILY OBSERVATIONS)

22521 HONOLULU TAP HT
STATION NAME

-8.7....ve/

24 HOUR AMOUNTS IN INCHES

MONTH	JAN.	FEB.	MAR.	APR	MAY	JUN.	JUL.	AŲG.	SEP.	ост.	NOV.	DEC.	ALL MONTHS
79 8J	• :	.0	٠٢	•8	• C	• 8	.0	•0	•0	• 6	• 0	۰۰	.0
813	**												
ļ													
										 		 	
 													
										_			
									<u> </u>		<u> </u>		
							يعظ المساحة	-					
MEAN	.00	30.	.00			- 00	្សាប						-00
S. D. TOTAL OSS.	•500 992	• 000 904		•900 960		.000 930	960 960		900 900		930		11412

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-5 (OLA)

•

(FROM DAILY OBSERVATIONS)

HONOLULU TAP HI
STATION NAME

YEARS

TOTAL MONTHLY SNOWFALL IN INCHES

MONTH YEAR	JAN	FEB	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	oct.	NOV.	DEC.	ALL MONTHS
49	• -	• 6	•0		•0	• ប				• 0	•0	•8	
5£		• 0	• 0		0		.0	• 0	• 0	<u>• C</u>	0	• ()	•0
51	• -	•0	•]	• 3	• 0	• 0	• C	0 ه	5.0	• 8	• 0	• 0	• 0
52	• 3	0	• C	• Ü	0	• 0	•0	<u>. c</u>	• 1	- 3	<u>•0</u>	•0	• 13
53	• 3	• 0	•0		• 0	• 0	• 0	• 0	•€	• 0	• 3	•0	•0
54	<u>•3</u>	<u>• D</u>	• 0	•8	• €	• 0	• 0	• 0	•0	•0	• 0	9.0	•0
55	• 3	• 0	• 7	• G	• 8	• ₺	•0	• 0	ڭ •	• 0	• 0	• ប	•0
56		• 0	<u> </u>	• 3	•0	• 0	.0	•₽	<u>• t</u>	• 12	•0	•0	•0
57	• ਮੁ	• 0	• 0	• 9	• 0	• 0	• 0	• 0	• 🗯	9.6	• 6	• G	• 0
58		• 5	<u>• §</u>		0	0	• ₺	<u>• 0</u>	3	<u>• d</u>	<u>•</u> •	<u> </u>	•9
59	• -	• 0	• 0	• G	• 0	• 0		• 5	• 8	• 8	•0	•3	•0
63	• ĉ	• 0	• 0	• 🗓		•0	ان و	•6	• Ü	0	•0	• 0	•0
61	- 4	• 8	• 0	• 0	• 0	• 0		• ⊍	• 5	• 0	• 0	•0	•0
62	<u>• }</u>	<u>• c</u>	<u>• c</u>	•8	• <u>C</u>	0		• 5	•0	<u>• û</u>	•0	ن و	•3
63	• -	• 0	• 5	•0	• 8	• 8		• 0	• 0	• 6	• ű	• 0	•0
54	• -	<u>• C</u>	• <u>6</u>	• ਹੋ	• 0	• 0	• 0	ان و	• ប៊	<u>• n</u>	• 0	• C	•0
55	• 1	• 0	•0		• 0	• 8		•0	• 3	• 0	• ប៉	• ₹	•0
56	• ५	• 0	• 0	• 0	•0	•0		€8	• 9	.0	•0	<u>•</u> @	• 5
67	• -	• 0	- 0	1 1	• 0	• 0		• 6	•0	• 0	• 0	• €	•0
68	0 1.	• 0	• 9		• 0	<u>• 0</u>			• 5	• 0	• D	<u>• 6</u>	•0
69	• 4	• 0	• 0	• U	• 0	• ਹ		• 0	• 3	• 8	• 8	•8	•0
75	• ;	• D	• 0	<u>• Ù</u>	•0	•0	•0			<u>•0</u>	<u>. 0</u>	• 0	•0
71	• -	• 0	• 0		• 0	• 0	• 0	• 11		• ≀	•]	• 0	•0
72	• <u>· · · · · · · · · · · · · · · · · · ·</u>	• 6		•0	•0	• 0		<u> </u>		• 0	<u>•</u>	9.	•0
73	• (• 6	• 0	• 5	• 0	• 0	• 0	• Ç	•0	• 0	• 0	• 0	•0
74	• <u>u</u>	<u>•</u> :	• 0	•0	•0	• 0		.0	• £	• 0	3•	•0	· ū
75	• 7	ئر. به داد:	• 0	• 8	•0	• 0	• 0	• 0	• 0	• 6	• 0	• 9	• 0
76	• •		•0	•0	• 0	• C		• 9	•0	• 3	•0	•0	•0
77 78	• ધ	• 0	• 0	• 🗓	• 0	• 8	• ជី	.0	• 0	• 0	0.	•0	0.0
	<u>• c</u>	•0	• 0	•0	• 0	• O	•0	.0	• 6	• 0	• 3	•0	•0
MEAN				 									
\$. D.				 									<u> </u>
TOTAL OBS.		NOTE	* (8A	SED ON		THAN F		N:HS)					

(FROM DAILY OBSERVATIONS)

2521

HONOLULU TAP HI
STATION NAME

49-R:

YEARS

TOTAL MONTHLY SNOWFALL IN INCHES

MONTH YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	ост.	NOV.	DEC.	ALL MONTHS
79 85		0. 0.	36	. c	• 0 • 0	• 0	• ն	•0	• បั	• 0	• 0	• 0	•0
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		l		1							1		
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				_									
•			ļ	ļ							į	ļ	
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ı	l			l							ţ	į	:]
													•
MEAN	•00									013.	.80	.00	0
\$. D.	.000	000				•000	.000	•000	.000			-300	00
TOTAL OBS.	992	904 Note		960 SED ON					900	961	930	95.1	1141

USAF ETAC FORM D.RR.S (OLA)

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF SNOW DEPTH (FROM DAILY OBSERVATIONS)

22521 HONOLULU TAP HI 49-80
STATION STATION NAME YEARS

				04 05.1.4 1.5.24 2534 3544 456.4 6.5104 105.154 15.5.254 255504												MON	THLY AMO	
PRECIP.	NONE	TRACE	01	.02- 05	.06 10	1125	.26- 50	.51 1 00	t 01-2 50	2.51-5 00	5 01-10 00	10 01-20 00	OVER 20 00	PERCENT OF DAYS WITH	TOTAL NO.		(INCHES)	
SNOWFALL	NONE	TRACE	0.1 0 4	0 5.1.4	1.5.2 4	2534	3 5 4 4	4 5 6.4	6.5 10 4	10 5-15 4	15.5-25 4	25 5 50 4	OVER 50 4	MEASUR-	OF OBS.	MEAN	GREATEST	LEAST
SNOW. DEPTH	NONE	TRACE	1	2	3	4.6	7.12	13.24	25 36	37.48	49-60	61-120	OVER 120	AMT5				-
JAN	1.0.3														992			
FEB	1.00.3														904			
MAR	199.7														992			
APR	100.7														950			
MAY	1.0.7					ĺ									992			
אטנ	100.7														930			
JUL	100.3														951			
AUG	130.3						i								930			
SEP	1.0.0														900			
ост	1.0.7														961			
иоч	100.0														930			
DEC	190.0														951		,	
ANNUAL	100.0	72,000,000												1 1	11413		X	\times

EXTREME VALUES

SNOW DEPTH

(FROM DAILY OBSERVATIONS)

STATION HONOLULU TAP HI STATION NAM

Y= 8:1

DAILY SNOW DEPTH IN INCHES

MONTH	JAN,	FEB	MAR,	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
49	ŗ	c	3	C	е	ឫ	£			a	J	Ü	
50		0	<u>_</u>			0				0			- 0
5	1	G	4	IJ	ũ	ម	ű	9	3	5	٥	0	១
52		<u>- </u>			U		13		0	C			<u>0</u>
53	-	Q	او	익	O.	G	٥	C)	3	3	ប	Ü	G.
54		9		<u>0</u>		C		<u>.</u>	<u>`</u>	<u> </u>		<u> </u>	
55	9	ij	9	ان	의	0	G	ũ	ن	c	U	٤	0
56			0	3			<u> </u>	0	<u>£</u>	- 3			0
57		5	[.]	ن	미	ū	٥	0	១	S S	ε	Ú	9
58			<u> </u>	0	<u>_</u> _	<u>`</u>	- Ö		0				2
59 6ა	4	입	្ន		9	0	0	0	3	Ο Ω	9	g a	<u> </u>
		<u> </u>	<u>C</u>		0	0	- 3	<u>c</u>	9				<u> </u>
6. 62	اد. اد.	0 0	0	0 û	3 0	٥	0	0 9	0	0 0	0 0	0	0
53		<u> </u>		ن ن	3	<u>0</u>	<u>0</u>	ان	0	G	e	0	0
54 54		o	7	9	٥	a a	0	٥	3	0	ű	<u>.</u>	٥
65		0		0	٥	0	č	e	0	C	0	<u>-</u>	8
66	4	g	ě	3	a	3	Č	Ö	0	e	ß	٤	a
67		<u>-</u> cl	ก	8	3	<u> </u>	Ü	S		Č	0	Ö	0
58	3	a	· "i	9		G	ن	ä	0	اع	a	9	0
69		ě		ن	0		c	ē	3	3	J	Û	9
7:3		c		Ω	a	Õ	و	ã	a		ű	ē	a
71			Ü	Û	0	0	a	0	3	ō	0	0	a
72	d	0	្ន	3	G	a	ũ	Q	C	0	o	Ø	ø
73	Ç	0	ũ	G	e	9	G	e	0	e	٤	G	Û
74		d	9	ن	۵	0	Ü	0	G	0	O	Ü	0
75		C	C	Û	O	ŋ	J	8	0	0	8	ย	S
76	Ç	C		<u> </u>	0	0	ប	9	0	0	3	១	0
77	C	5	0	0	ប	0	Ü	Ø	, 0	0	0	ប	0
78	٤	ε	G	£	0	Ü	0	0		Ø		0	<u>a</u>
MEAN													
\$. D.													
TOTAL OBS.		NOTE	# (RA		1 F S S			NTHEL					

NOTE # (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-5 (OLA)

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EXTREME VALUES

SNOW DEPTH

(FROM DAILY OBSERVATIONS)

2252. HONOLULU TAP HT
STATION NAME

-843

DAILY SNOW DEPTH IN INCHES

MONTH	JAN,	FEB.	MAR.	APR.	MAY	JUN,	JU'	AUG.	SEP.	oct.	NOV,	DEC.	ALL MONTHS
79 8		y 3	9	ű	3.0	Ü	ú	J	3	C	12	,1∦	
-													
													
								1				1	
		1		1		1			1	1			
	-												
	İ	į						l					
	1				i						}		
											 -		
1												" It	
t													
					İ					ea , ex-			
MEAN		•0		3.	()	.0	ئە	£	ت. و	=	- 5	-0	
S. D.	<u> </u>	000	يون و	000	000. 992		.JDD 961	• 000 930	.000	•100	اعون	_ nnn	

NOTE * (BASED ON LESS THAN FULL MONTES)

USAF ETAC FORM 0-88-5 (OLA)

U S,AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER

PART C .

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SURFACE WINDS

Presented in this part are various tabulations of surface winds as follows:

1. Extreme Values - Peak Quets: Derived from daily observations and presented by individual year and month for the entire period of record available. Speeds are presented in knots, while directions are given in 16 compass points from the beginning of record through June 1968, and in tens of degrees starting in July 1968. The extreme is selected and printed from available peak gusts for each year-month, however an asterisk (*) is printed in the data block if less than 90% (3 or more missing observations) of the peak gusts are available for the month. An ALL MONTHS value is presented when every month of the year has valid observations. Means and standard deviations are also computed when four or more values are present for any column. A total raw count of valid observations is presented for each month and ALL MONTHS.

NOTE: According to Federal Meteorological Handbook No. 1 specifications (formerly Circular N), "peak gust data are recorded only at stations with continuous instantaneous wind-speed recorders."

2. Bivariate percentage frequency tabulations: Derived from hourly observations, these tabulations are a percentage frequency of wind directions to 16 compass points and calm by wind speeds (knote) in increments of Bacufort classifications. Percentages are shown by both directions and speed, and in addition the mean wind speed is given for each direction.

A separate category is provided on the form for variable winds, which are reported in some data sources. In these data where light and variable winds are reported with no directions but with speeds given, the speeds will be summarized in the appropriate groups opposite the column headed VRML.

- a. Three tables are prepared for ALL WEATHER surface winds, all years combined, by: (1) Annual all hours combined, (2) By month all hours combined, and (3) By month by standard 3-hour groups.
- b. A separate annual table is also presented for surface winds meeting INSTRIMENT CLASS conditions as follows: Ceiling 200 through 1400 feet inclusive with visibility equal to or greater than 1/2 mile, and/or visibility 1/2 through 2-1/2 miles inclusive with ceiling equal to or greater than 200 feet.

NOTE: A percentage frequency of ".0" in these tables represents one or more occurrences amounting to less than ".05" percent.

EXTREME VALUES

SURFACE WINDS

(FROM DAILY OBSERVATIONS)

STATION STATION STATION NAME

2-56, 66-85

YEARS

DAILY PEAK GUSTS IN KNOTS

MONTH YEAR	MAL		FE	В	M	NR.	A	PR.	M	NY .	JĮ	JN.	JŁ	JL.	AU	G.	SE	P.	00	т.	N	ov.	D	EC.	ALL	ıs
5,														,							ENE	48	ΝE	4"		
5 5	W	<u>. :</u>	USW		ENE	_38	~~	<u> 33</u>	ξ	37	NE			42	Ε	38	ENE	33	ENE_	3.8	ENE	44	ENE	40	ENE	44
34	NE	45	i -	45		36	-	37	_		ENE		1		ENE		ENE	37	_	43		45		41	NE	48
<u>55</u> _	Nc_	53			ENE	37		_39		4		_ 35		30		37			ENE		ESE			42	NE	_53
55	SSW	4 ?	NΕ	40	ENE	41	NE	33	ENE	35	ΝE	34	ENE		ENE	33	_		INE	3 U,			knn	- 1	SSW	47
<u> </u>											<u> </u>				NE	32		31		35		<u> 35</u>		37		
57	Ni	37		37	-	3.2		36		27	í –	32		33		33		31		33		33	•	33	NΕ	37
58	11	35		_35		37		38		39			NE_	31		29		_23		31	 	41		42	NE_	42
69	N1.	33		45	1	34		ن 4	1	35		32		34		32	3 '	30		28	1	37		39	NE	45
7:	SI	39		38		34		41			NE_		NE_	34	_	31		3.3		3		_31		43	NE_	43
/1	S	3 c		42		34		36			NE	36	t .	34		32		30		31	1	34	f-	39	NE	42
72	SE	34		32		3 -		37			NE	35		32		32	-	31		29	+	33	+	32	NE_	37
73	NE	35		33	•	37	-	37			NE		NE	39	. –	36	1	32		33	•	32	1 .	35	NΕ	39
74	<u> </u>	33		31		35		33			NE	27		31	_	33		25		29	_		NE_	35	E	35
75	NE	33		31		38		37	-		NE		NΞ	39	-	32	ŧ	29		31	1.	32	1	30	NE	39
7:2	N	32		46		35		36		29		30		3.1	_	36		-39	_	<u>29</u>	-	31	+	3.1	NE	<u>46</u>
77	S	26	٠- ١	31		43		36	1	35		34	1-	36		32		33		31	1	30	i .	32	NE	43
78	N	<u>3</u> .		32		31	-	<u> 35</u>		35		33		44		32		3.		<u>30</u>		27	-	41	Ε	44
79	NE	38	_	37	1	31	_	30	1	31	•	31	NE	33	-	29	F	29		33	NE	34	H	40	W	40
<u>8</u> ;	SW	45	IC W	34	116	38	14 %			31																
																					-					
MEAN	3	7.5	_ 3	7.3	3	5.8		36.1	3	2.9	3	3.1	3	5.2	3	2.6	3	0.8	32	2.3	3	5.3	3	7.7	4	2.6
\$. D.		728		354		500		656		298		471			2.	429	2.	533				638	4.	423		556
TOTAL OBS.		588		539		589		571		538		541		549		558		540		558		570		589	6	572

NOTES * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-5 (OLA)

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\$ (BASED ON LESS THAN FULL MONTHS AND +130 KNOTS)

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

22521	HONOLULU JAP HI	71-80	JAN
STATION	STATION NAME	YEARS	MONTH
		ALL WEATHER	2020-0200
		CLASS	HOURS (L.S.T.)
		CONDITION	

SPEED (KNTS) DIR.	1.3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	1.5	4.4	1.6									7.5	5.l
NNE	• 5	1.0	1.5		, i							3.1	5.8
NE	• 3	2 • 4	3.1	2.2	- 8							8.7	9.2
ENE	• 5	2.8	8.5	6.6	2.0							20.5	10.3
Ę	• 1	1.5	1.5	• 8								3.9	7.8
ESE		• 2	• 3	• 3					I			• 9	9.4
SE				. 2								• 2	13.0
SSE		• 2	• 1	•8	• 3]		1.4	13.7
S		• 9	2.6	2.0	• 3	• 3.						5.9	10.6
SSW	• 1	• 6	1.3	• 5	• 6							3.2	10.5
sw	• 3	• 5	• 3	• 9			I					2.0	8.2
WSW	- 1	• 4	1.3	• 8	• 4	• 2						2.8	11.0
W	• 3	1.5	• 9	. 6	• 3							3.7	7.9
WNW	. 5	5.2	1.5	• 1								7.3	5 • 4
NW	• 9	7.7	2.3									19.9	5.3
NNW	1.7	7.5	1.9	• 5								21.7	5.5
VARBL													
CALM		\times	\times	><	> <	\geq	$\geq \leq$	\times	$\supset <$	$\supset <$		6.2	
	7.1	36.9	28.4	16.2	4.9	• 2						100.0	7.5

TOTAL NUMBER OF OBSERVATIONS 930

C

SURFACE WINDS

TOTAL NUMBER OF OBSERVATIONS

930

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

<u> </u>	HUNUL	ULU IA	7.				11-	<u>ი ყ</u>						M IV
STATION			STATIO	N NAME					Ý	KARS			M	IONTH
		_				ALL WE	ATHER							-0500
						Cr	.A55						HOUR	S (L.S.T.)
						CON	DITION							
		_												
	SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
	N	1.1	3.7	• 1	• 3								5.2	5.1
	NNE	• 5	1.5	1.0	• 3								3.3	6.1
	NE		3.2	2.6	2.3	• 3							8 • 2	8.7
	ENE	•6	3 • 4	6.6	6.5	1.0							1.8.2	9.8
	ŧ		1.0	1.7	• 8	• 1							3.5	8.7
	ESE		• 4	• 4	• 2								1.1	8 • 6
	SE				• 2								• 2	14.0
	SSE		• 1	• 2	• 2	• 1							• 6	12.0
	\$		• 1	1.9	1.3	. 4	. 1						3.9	11.3
	SSW		• 9	1.5	1.1	• 6				<u> </u>			4.1	10.8
	sw	• 2	• 3	.9	•6	• 1			L				2.0	9.5
	WSW		• 3	1.1	1.3	• 4		<u> </u>			<u> </u>		3.1	11.2
	w	•4	1.7	1.4	• 5	• 3							4.3	7.5
	WNW	1.4	6.7	1.5	<u> </u>	<u> </u>							9.6	5.0
	NW	2.	19.3	2.3									14.3	5.0
	NNW	1.7	7.3	2.2	• 2		<u> </u>			<u> </u>			11.4	5.2
	VARBL	Ļ		ļ,		ļ	<u></u>	Ļ,		Ļ	<u></u>			<u> </u>
	CALM	$\geq \leq$	><	$\geq \leq$	><	$\geq \leq$	$\geq \leq$	><	$\geq \leq$	$\geq \leq$	$\geq \leq$	><	7.0	
		8.0	40.4	25.3	15.9	3.3	.1						100.0	7.0

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

22521 STATION	HONOLULU IAP HI	71-86		JAN
STATION	STATION NAME	YI	ARS	MONTH
		ALL WEATHER		0600-0800
		CLASS		HOURS (L.S.T.)
		CONDITION		

SPEED (KNTS) DIR.	1 · 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	1.3	4.7	1.2	• 2								7.4	5.2
NNE	· ü	1.8	1.1	• 5								3.9	6.7
NE	٥٠	2.6	2.2	2.5	• 3	• 1			İ			8.5	8.4
ENE	• 4	3 • ປ	6.1	4.5	• 9				l			14.9	9.6
ŧ	• 2	1.0	2.5	2.9	• 2							6.8	10.1
ESE			• 2	• 3			<u> </u>				L	•5	9.8
SE	• 1		• 1	• 1	• 2						<u> </u>	• 5	12.6
SSE		• 1	.2	. 4		. 1	<u> </u>			<u> </u>		• 9	12.4
5	• 1	• 8	1.3	1.8	• 5			<u> </u>				4.5	10.5
55W		• 5	1.6	• 5	• 3			<u> </u>		L		3.1	9.8
sw			1.0	1.0	• 3							2.3	11.5
WSW		• 3	1.0	1.6	• 1			<u> </u>				3.0	10.6
W	- 3	1.0	.8	• 4		<u></u>	<u> </u>		<u> </u>	<u> </u>		2.5	6.9
WNW	1.0	5.8	1.2			<u> </u>			<u> </u>	l		9.3	5.2
NW	2.7	9.0	2.7						<u> </u>			13.8	5.1
NNW	1.5	6.6	1.3					1				11.4	4.9
VARBL			L		L								
CALM	\times	$\geq \leq$	$\geq \leq$	$\geq <$	>>	>>	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	8.1	
	2.3	39.4	24.3	16.9	2.9	. 2						100.6	6.9

TOTAL NUMBER OF OBSERVATIONS 938

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

2252:	HONOLULU IAP HI			JAN
STATION	STATION NAME		YEARS	MONTH
		ALL WEATHER		0900-1100
		CLASS		HOURS (L.S.T.)
		CONDITION		
				

SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	. 4	2.2	1.6	•8								5.0	7.2
NNE	. 1	1.3	1.1	1.1	• 1							3.7	8.7
NE	• 3	• 1	1.6	4.5	• 8							7.3	12.2
ENE	.8	2.2	4.6	9.3	2.9	• 1				[19.3	11.8
E	. 3	1.9	3.3	3.6	1.4							11.0	10.3
ESE	• 1	1.3	1.7	. 4	• 2							3.8	8.2
SE	• 3	1.1	1.1	• 4	• 3							3.2	8.2
SSE	• 4	1.7	1.6	• 9								4.6	7.2
S	• 6	2.3	3.0	2.0	• 4	• 1						8.3	9.3
SSW	• 2	øδ	2.4	• 9	• 3							4.4	9.0
sw	• 2.	1.4	2.0	1.9	• 1							5.6	9.3
WSW	• 1	• 5	1.4	1.7	• i							3.9	10.3
W	• 4	1.3	. 8	1.0	. i					l		3.6	8.2
WNW	. 8	2.3	• 5								<u> </u>	3.3	4.9
NW	. 5	1.9	1.7	• 1								4.3	5.1
NNW	• 4	1.9	1.8	• 5			<u> </u>					4.7	6.9
VARBL							L		l			1	
CALM	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \!$	$\geq \leq$	$\geq \leq$	$\geq \leq$	><	$\geq \leq$	3.6	
	6.5	23.6	30.4	29.1	6.8	• 2						100.0	9.1

TOTAL NUMBER OF OBSERVATIONS 929

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

22521 STATION	HGNOL	ULU IA	HI	N NAME			71-	8 u		EARS				A N
						ALL WE	ATHER						1200	-1400
			-	-		ci	ASS						HOUR	IS (L.S.T.)
						CON	DITION							
	SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 16	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
Ī	N	• 1	• 1	1.4	1.0								2.6	9.9
[NNE		. 2	1.1	2.2	. 4							3.9	12.1
ſ	NE		- 1	2.4	5.4	1.1	• 1						9.2	13.1

SPEED (KNTS) DIR.	1-3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	.1	• 1	1.4	1.0								2.6	9.9
NNE		• 2	1.1	2.2	. 4							3.9	12.1
NE		• 1	2.4	5.5	1.1	. 1						9.2	13.1
ENE		• 3	2.2	3,00	5.3	• 2						18.1	14.5
ŧ	.1	. 8	1.3	2.7	1.7	٠, ٠	1					7.6	13.1
ESE			1.1	1.4	• ?	• 1.						3.0	11.3
SE	• 2	. 4	2.3	3.0	• :							6.1	10.4
SSE		8	3.8	2.3	10.							7.0	9.7
S		1.8	7.4	3.3								13.1	9.5
SSV'		. 9	5.5	2.8	• 1							9.2	9.9
SW		• 6	2.9	2.7.	• 5							6.8	10.7
WSW		. 5	2.6	3.7	• 3	. 1						7.1	10.9
w		• 5	• 8	ة ۾	• 2							2.2	9.8
WNY		• 2	• 3	1	•2							• 9	10.6
74W		. 7	• 5	4	• 2	• 1						1.5	11.6
HNW	. 1	1	• 3	• 1	. 4	• 1					i	1.2	12.4
VARBL													
CALM	$\geq \leq$	\times	\geq	\geq	$\geq \leq$	$\ge $	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	• 5	
	. 9	7 • 8	35.7	42.5	11.7	• 9						100.0	11.5

TOTAL NUMBER OF OBSERVATIONS 930

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

	-				ALL WE	ATHER	·						-170
	_				CON	DITION			·				
SPEED (KNTS) DIR.	1 - 3	4 · 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥54	*	ME/ WIN SPE
N		• 11	• 8	1.4								2.5	9.
NNE		• 1	1.0	2.3	•3							3.7	12.
NE		• 2	2.9	6.7	1.8	• 3	1					11.9	13.
ENE	• !	• 1	2.0	12.6	5.5	• 4						20.8	14.
E		• 3	• 9	1.3	1.2	• 2						3.9	13.
ESE		• 1	•6	1.1	• 2	• 1						2.2	12
SE		• 4	2.3	2.2	• 2							5.1	10
SSE		• 3	3.3	1.3	• 1	• 2						5.3	10
S	• 2	• 9	6.1	3.2	• 3							10.8	9.
ssw _		1.3	4.1	2.4	• 2	• 1						8.1	9
SW		1.3	4.5	3.3	• 2							9.4	9
WSW	• 1	• 6	4.3	3.5	• 4							9•0	10
w		• 5	8.	• 6	• 2				<u> </u>			2.2	10
WNW		a l	• 5	• 1	• 2							1.0	11.
NW		• 2	. 4	• 8	• 1							1.5	110
NNW	• 2	• 4	• 5	• 9	• 3							2.4	10
VARBL													
CALM	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	• 5	
					T					T			1

TOTAL NUMBER OF OBSERVATIONS 938

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

22521	HONOLULU IAP HI	71-80		JAN
STATION	STATION NAME		YEARS	MONTH
		ALL WEATHER		1850-2000
		CLASS		HOURS (L.S.T.)
		CONDITION		
				

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
И	• 1	2.3	2.9	l.D								6.2	7.6
NNE	•2	1.2	3.1	.8	.1							5 • 4	8.4
NE	• 1	1.5	4.5	4.8	• 6							11.6	10.7
ENE	. 3	1.9	5.6	11.9	2.9	• 2						23.9	11.8
E		. 8	2.0	1.8	. 4							5.1	10.5
ESE		• 3	8	-1	• 1	• 1						1.4	9.7
SE		. 8	1.2	•5	. 1							2.5	8.8
SSE		1.7	• 5	• 6	•	• 1						3.1	8.2
5	. 2	1.7	2.8	2.0	• 2	• 1						7.1	9.2
SSW	• ?	2.3	1.4	1.5	• ?							5.7	8.7
SW	• 2	2.3	1.8	1.2	• 2							5.7	8.3
WSW	?	1.8	2.3	1.5								5.8	8.4
W	5	1.9	1.7	• 6	• 2							5.1	7.4
WNW		• 3	1.1	• 1								1.6	7.5
NW		4.01	1.5	• 1	.1							2.7	7.7
NNW		1.9	1.0	• 5	• 1							3.5	7.7
VARBL													
CALM	><	> <	$\geq <$	$\geq <$	$\geq \leq$	$\geq <$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	3.5	
	2.3	23.7	35.2	29.4	5.5	. 5						100.0	9.2

TOTAL NUMBER OF OBSERVATIONS 930

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

22521	HONOLULU IAP HI	71-84		NAU
STATION	STATION NAME		YEARS	MONTH
		ALL WEATHER		2190-2395
		CLASS		HOURS (L.S.T.)
		CONDITION		

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	1.2	5.2	1.3	• 1								8.8	5.2
NNE	t į	2.0	• 9	• 3	• 2							3.9	6.9
NE	• 6_	3.7	3.2	3.2	• 2							11.0	8.4
ENE	• 5	5.5	8.8	8.8	1.5	• 2						25.5	9.9
E	• 3_	2.0	2.3	1.2								5.8	7.9
ESE		• 3	• 3	•1								.8	7.4
SE	• 1	- 1	• 1	• 3	•1							.8	11.0
SSE	• 2_	• 3	• 1	-8	• 3							1.7	11.3
\$		• 5	3.6	1.8	• 3							6.2	10.3
SSW		1.3	1.5	1.1	• 3							4.2	9.5
SW	• 2	. 4	1.1	• 8	• 1							2.5	8.9
WSW	• 1	• 4	1.0	. 9	• 5							2.9	11.3
w	• 4	1.2	.8	. 6	• 1							3.1	7.5
WNW	• 3	2.4	1.3									4.0	5.7
NW	8_	4.8	1.4									6.8	5.3
NNW	. 4	4.3	1.1	• 3								6.1	5.9
VARSL													
CALM	$\supset <$	> <	><	> <	$>\!\!<$	$\supset <$	\boxtimes	$\supset <$	$\supset <$	$\supset \subset$	$\geq <$	5.8	
	5.8	35.4	28.6	29.3	3.8	• 2						100.0	7.7

TOTAL NUMBER OF OBSERVATIONS 929

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

22521 STATION	HONOLULU TAP HI	71-83	JAN
STATION	STATION NAME	YEARS	MONTH
		ALL WEATHER	ALL
		CLASS	HOURE (L.S.T)
			_
		CONDITION	

SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	• 7	3.0	1.4	•6								5.7	6.2
NNE	• 3	1.1	1.3	• 9	• 2							3.8	8.6
NE	• 3	_1.7	2.8	4.0	7_	_ • 1						9.6	16.6
ENE	. 4	2.4	5.7	8.8	2.7	• 1						20.2	11.6
E	• 2	1.2	1.9	2.0	• 6	• 8						5.9	10.4
ESE	•0	• 4	•7	• 5	• 1	• 0						1.7	9.9
SE	• 1.	3	.9	• 9	• 1							2.3	10.1
SSE	• 1	. 7	1.2	• 9	• 1	• 1			1			3.1	9.7
8-	• 2	1.1	3.6	2.2	4	• 1			1			7.5	9.8
SSW	• 1	1.1	2.4	1.4	• 3	• 3	[I				5.3	9.7
SW	. 1	. 9	1.8	1.5	- 3							4.5	9.6
WSW	. 1	6	1.8	1.9	3_	_ 0						4.7	10.4
w	. 3	1.2	1.0	•6	• 2							3.3	8.0
WNW	_• 5	2.8	1.0	•1	- 1							4.5	5 • 6
NW	. 8	4.3	1.6	• 2	. 1	.0						7.0	5.7
NNW	8	4.0	1.3	.4	•1	.€		I				8.6	6.€
VARBL													
CALM		> <	\boxtimes	\boxtimes	\boxtimes	\boxtimes	$\geq \leq$	\boxtimes	\geq	\geq		4 • 4	
	4.9	26.8	30.4	26.7	6.3	.5						100.0	8.8

TOTAL NUMBER OF OBSERVATIONS 7438

USAFETAC FORM (I-R-5 (OI -A.) PREVIOUS EDITIONS OF THIS FORM ARE DESCRETE

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

22521 STATION	HONOLULU TAP HI	71-80		FEB
STATION	STATION NAME		YEARS	MONTH
		ALL WEATHER		0000-0200
		GLASS		HOURS (L.S.T.)
		CONDITION		
				

SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	1.2	4.4	1.8	2_								7.5	5.5
NNE	•6	1.5	2.5	•6								5.2	7.1
NE	• 4	3.3	4.9	3.7	• 5		l					12.7	9.1
ENE	• 8	4.8	10.8	9.5	• 7	• 1						26.9	9.5
E	• 2	1.5	3.2	.8	•5							6.2	8.8
ESE		• 2		•1	•1	_						• 5	9.3
SE	• 1			• 5	• 5	• 2						1.3	16.4
SSE			.4	1.2	• 1							1.6	12.6
\$	• 1	• 1	• 5	1.1	•1	• 1						2.0	12.2
SSW		•6		• 1								•7	6.5
SW		. 1	• 1	• 2	• 1							• 5	12.6
wsw		. 1	. 2	•1								• 5	8.8
W	. 4	. 8	• 1	• 4								1.6	6.4
WNW	• 5	3.1	. 7	• 1								4.4	5.4
NW	1.6	8.0	1.1	• 1								10.3	5.0
NNW	1.2	8.7	1.1	•2								11.2	5.2
VARBL			T										
CALM		\ge	\times	\boxtimes	\boxtimes	$\supset <$	\boxtimes	\boxtimes	\geq		>>	6.2	
	7.1		27.3	19.0	2.6	• 5						100.0	7.5

TOTAL NUMBER OF OBSERVATIONS 949

VARBL

SURFACE WINDS

TOTAL NUMBER OF OBSERVATIONS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

22521	HONOL	ULU IA	PHI	N NAME			71-	80		EARS				E3
5 .2						~			•					
						ALL . S	ATHER							-0500 s (L.S.T.)
														. (0.0)
		-				CON	DITION							
	SPEED (KNTS) DIR,	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥54	*	MEAN WIND SPEED
	N	1.9	4.2	. 8	.5				 	<u> </u>			7.5	5.3
	NNE	.2	2.1	1.6	.4								4.4	6.7
	NE	•?	3.3	5.5	3.5	1.2							13.3	9.5
	ENE	• 5	4.9	9.5	8.2	•7							23.9	9.4
	E	•1	1.6	1.6	.7								4.1	7.7
	ESE		•6	• 1		•2							. 9	8.6
	SE		• 2	• 5	. 1	.4							1.2	11.3
	SSE		• 1	• 5	.6	• 2							1.4	12.2
	\$		• 6	. 4	1.2	• 4							2.5	11.5
	SSW		• 2	• 1	.2	• 1							• 7	10.0
	sw		• 1	• 1	1	• 1		• 1					• 6	14.2
	WSW	• !	• 5	4_		1							1.1	7.9
	W	• 2	• 7	•1	•7								1.3	8.5
	WWW	0	7 7		,					T			5.4	5.1

USAFFTAC FORM (LR.S (C) -A1 securous entrinue on this come and chroses

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

521	HONOL	ULU IA	1H 9				71-	80						<u> </u>	
TATION			STATIO	N NAME						KANS				ONTH	
		_				ALL WE	ATHER							-0800	
						CL	ASS						HOUR	S (L.S.T.)	
						CON	DITION								
	SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED	
	N	1.3	3.9	1.4	• 1								7.2	5.2	ļ
	NNE	• 2	2 • Ú	1.5	4								4.5	6.6	
	NE	•7	2.5	4.2	2.8	• 9							11.3	9.4	ı
	ENE		4.7	10.6	8.5	•5							24.3	9.7	
	E	.4	1.9	2.5	1.6	. 2							6.6	8.8	l
	ESE		• 1		. 1								• 2	8.0	ļ
	SE			• 1	. 3	• 4							1.3	14.1	į
	SSE			. 8	. 9	• 5							2.2	12.6	
	\$		• 4	. 4	.7	• 2							1.6	11.7	
	SSW		• 1	. 1	• 3								• 4	8.3	
	SW	, Į	. 1	• 5									• 7	6.7	
	WSW	. 1	. 2	. 1	. 4			İ					• 8	7.7	
	W	. 4	. 8	• 5	• 6								2.2	7.3	į
	WNW	1.3	5.5	• 9	• 1	• 1						<u></u>	3.0	5.1	
	NW	1.9	9.1	1.1									12.0	4 • 8	
	NNW	Ç	7.4	1.8	•1						I		10.2	5.3	
	YARBL														

TOTAL NUMBER OF OBSERVATIONS

849

SURFACE WINDS

TOTAL NUMBER OF OBSERVATIONS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION		<u> </u>	STATIO	N NAME				<u> </u>	Y	EARS				IONTH
						ALL WE	ATHER						2900	-1100
		_				CI	ASS				_			18 (L.S.T.)
						CON	NOITION							
		-												
	SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
	N	• 5	2.1	1.8	. 4								4.7	6.4
	NNE		• 5	1.3	• 9	8.							2.9	10.1
	NE	• 2	1.2	2.5	4.6	1.5	. 4						10.4	12.1
	ENE	• 5	1.2	5.7	13.9	4.7	• 2						26.1	12.7
	E	• 2	1.8	2.9	4.6	1.2							10.7	11.0
	ESE	- 1	• 9	• 9	, 7	• 1			Ì				2.8	8.5
	SE	• 5	• 6	1.4	• 9	• tį			l				3.8	9.5
	SSE	.1	1.6	3.3	1.6	.6							7.3	9.5
	\$. 4	1.6	2.2	.6	- 4							5.2	8.0
	SSW		1.3	.6				<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	2.0	5.6
	sw	-2	1.7	1.9		<u> </u>	<u> </u>	<u> </u>		<u> </u>	<u> </u>	<u> </u>	3.2	6.7
	WSW	.2	1.2	1.1	-7	<u> </u>	<u> </u>	<u> </u>	L	<u> </u>		<u> </u>	3.2	7.9
	W	. 7	- 9	- 8	1.1	2_				<u> </u>	ļ	<u> </u>	3.5	8.8
	WNW	. 9	1.8	- 6		1				<u> </u>		<u> </u>	3.3	5.5
	NW	- 5	2.2	9				<u> </u>		 	<u> </u>		3.8	5.6
	NNW	.5	1.1	1.2	.5	<u> </u>		<u> </u>	L	<u> </u>		<u> </u>	3.2	7.0
	VARBL					<u></u>	<u></u>	<u></u>	Ļ		<u></u>	<u> </u>		
	CALM		$\geq \leq$	$\geq \leq$	><	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	><	3.7	<u> </u>
		77											1	1

> VARBL CALM

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

22521 STATION	HONOL	ULU IAF	HI				71-	80		KARS				E3
STATION			SIATION	· MAMB					•	EARB				
						ALL HE	ATHER							-1400
						CL	.485						HOUR	ts (L.S.T.)
						CON	DITION							
		-						· · · · · · · · · · · · · · · · · · ·						
_														
	SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
l	N		• 2	• 7	1.5			<u> </u>					2.6	11.1
	NNE		• 5	1.5	1.8	. 4							4.1	11,2
ĺ	NE		• 2	1.5	8.2	3.7	• 5						14.1	14.8
	ENE	• 1	• 4	2.7	12.2	6.6	1.3	• 1					23.4	15.2
	E		• 5	1.6	3.9	1.4	• 2						7.7	13.0
ĺ	ESE	. !	• 5	• 5	1.4	2							2.7	10.5
	SE		• 4	1.5	6.0	• 2							8.1	12.1
	SSE		• 4	3.5	4.4	. 4							8.6	11.2
	S	• 1	• 6	5.9	1.9	5	• 1						9.1	9.9
	SSW		• 9	3.7	• 9				I				5.5	8.6
	SW		• 5	2.2	1.8								4.5	9.6
	WSW		.2	1.5	2.1	• 2							4.1	11.4
	w		• 5	2	1.1	. 1							1.9	11.3
	1143 MAA													1 2 7

TOTAL NUMBER OF OBSERY/TIONS 849

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

2252_	HONOLULU IAP HI	71-8じ	FEB
STATION	STATION NAME	YEAR	
		ALL WEATHER	1500-1700
		CLASS	HOURS (L.S.T.)
		CONDITION	

SPEED (KNTS) DIR.	1 · 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N		, 1	1.3	2.0	. 4							3.8	12.0
SHM	<u> </u>	• 2	• 7	2.9	.8							4.8	12.5
NE	<u> </u>	. 4	1.9	7.7	5.1	• ?						15.2	14.8
ENE	. 3	• 5	2.4	16.1	7.4	• 7	•1					27.3	14.9
E		• 5	1.1	1.9	1.3							4.7	12.9
ESE	li	• 5	. 8	1.1	• 1							2.5	10.9
SE		• 1	1.6	4.2	• 7							6.7	11.9
SSE		2	3.1	2.5	5							6.4	11.0
5		1.3	4.4	1.6	• 5	.1						7.9	9.4
SSW		. 8	2.5	. 4	. 1							3.8	8.5
SW		1.5	3.7	1.3	Y-							6.5	8.3
WSW		• 5	2.5	2.3								4.9	10.2
w		• 2	.7	1.1	• 5							2.5	12.0
WNW			4	. 2								•6	11.0
NW		• 1	. 6	. 5	• 2							3.3	10.5
NNW		• 1		.7	• 1							•9	13.5
VARBL		<u> </u>			•							• 9	13.3
CALM	><	\times	\times	\times	\times	\times	\times	\times	>	\times	\searrow	• 2	
	. 2	7.1	27.4	46.3	17.6	1.1	•1					100.0	12.5

TOTAL NUMBER OF OBSERVATIONS 849

SURFACE WINDS

TOTAL NUMBER OF OBSERVATIONS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

	HONOL	ULU IA	PHI				71-	80						E B
N			STATION	NAME					YI	EARS			М	ONTH
						ALL NE	ATHER						1830	-2900
		_				CL	ASS						HOUR	s (L.S.T.)
						CON	DITION				_			
	SPEED (KNTS) DIR,	1 · 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
ľ	N		1.6	2.8	1.1	• 1							5.7	8.1
	NNE	.1	• 9	2.7	1.2	. 4							5.3	9.5
•	NE		. 8	4.8	9.3	2.2	• 1						17.3	12.3
Ī	ENE	.1	1.8	9.7	16.7	2.7	• 6						31.6	12.1
	E		• 7	3.7	1.9	• 1							6.4	9.6
	ESE		1.3	• 5	.8						T		2.5	8.7
	SE		.8	1.4	1.2	• 1							3.5	9.0
	SSE	• 1	1.8	• 9	1.2								4.0	8.2
	5	. 5	1.8	• 7	i.2	1						i	4.2	7.8
	SSW	• 4	1.1	1.3						1			2.7	5.3
	SW	1	1.1	. 8	. 2	• ì							2.4	8.1
ĺ	WSW		1.8	1.3	• 2								3.4	6.9
ĺ	w	• ?	2.1	1.3	.8								4.5	7.4
[WNW		. 4	• 6	• 1	. 1				L			1.2	8.9
ĺ	NW		•6	• 7	• 2								1.5	7.4
ĺ	NNW		• 9	• 9	• 4	• 1				l			2.4	8.8
ſ	VARBL													
ſ	CALM		$\supset \subset$	$\supset \subset$			$\supset <$	$\supset \subset$	> <	\triangleright	$\supset \subset$		1.8	
ŀ		*			*				تحسم	F	*	¥		

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

2521	HONOL	ULU IA	P HI				71-	8 U					<u>F</u>	EB
STATION			STATIO	MAME					Y	EARS				
		_			·	ALL WE	ATHER							-2300
						CL	.A88						HOUM	S (L.S.T.)
		-				CON	DITION							
										··	_			
	SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
	N	8	5.8	1.4	. 4	• :							8.5	5.8
	NNE	. 4	1.6	2.4	. 8	• 1							5.3	7.6
	NE	• 5	5 · U	6.7	3.7	• 7	. 1	. 1					17.8	8.8
	ENE	. !!	5.3	11.4	13.2	1.6	• 2						32.2	10.4
	E	• 4	1.2	2.4	1.2	•2							5.3	8.7
	ESE		• 6	- 43	.4_	_ 1							1.4	9.1
	\$E		. 2	. 4	• 5	• 2							1.3	11.8
	SSE			• 5	1.2		L						1.8	12.5
	5	• 2	. 6	• 5	. 4	• 1							1.8	8.3
	SSW	. 1	. ?	.1							J		• 5	5.5
	SW		- 5	. ?	• 1	.?							1.1	10.2
	WSW		. 6	. 4			• 1						iet	7.8
	w	. 1	• 9	• 2	. 4								1.6	6.7
	WNW	2	2.8	- 4									3.4	5.0
	NW	. 7	4.4	. 9	L		i						5.9	5.1
	NNW	. 7	4.4	1.5									6.6	5.4
	VARBL													
	CALM	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	\bigvee	4.6	

TOTAL NUMBER OF OBSERVATIONS 84

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

72521	HONOL	ULU TA	P HI STATION				71-	<u>8ú</u>	<u>.</u>	EARS				E B
STATION			81A1101	NAME					¥I	EARB				
						ALL WE	ATHER							LL
						CL	.485						HOUR	s (L.S.T.)
						CON	DITION							
		_												
-		y			,									
	SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
[Z	• 8	2 • 8	1.5	8	. 1							5.9	5.7
	NNE	• 2	1.2	1.8	1.1	. 2							4.5	8.9
[NE	• 3	2•2	4.0	5.4	2.1	• 2	. 3					14.3	11.4
	ENE	• 3	2.9	7.8	12.3	3.1	• 4	. G					27.3	11.8
	E	• 2	1.2	2.4	2.1	_•5	• 7						6.5	10.2
	ESE	C)	•6	• 4	• 6_	. 1							1.7	9.4
	SE	. 1	• 3	• 9	1.8	• 4	. 3						3.4	11.5
[SSE	• ?	• 5	1.6	1.7	. 3					l		4.2	14.7
	5	• 2	• 9	1.9	1.1	• 3	. 3						4.3	9.5
	SSW	• 1	• 7	1.0	• 2	0							2.0	7.7
	5W	. 1	. 6	1.2	• 5_	. 1		• 5					2.4	8.6
	wsw	. 1	• 6	• 9	• 7	•	. G						2.4	9.1
L	w	• 3	. 9	• 5	. 8	. 1							2.5	8.5
L	WNW	.5	2.2	• 5	. 1	• }	• 3						3.3	5.6
į	NW	• 7	4.2	. 8	• 1	. 1							5.9	5.3
Ĺ	NNW	• 5	3.9	1.1	. 4	. 13							6.0	5.9
	VARBL													
	CALM	$\geq \leq$	\ge	$\geq \!$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	3.9	

TOTAL NUMBER OF OBSERVATIONS 6792

USAFETAC FORM ARE 40-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

4.2 25.7 28.3 29.6 7.4

HONOLULU TAP HI

SURFACE WINDS

TOTAL NUMBER OF OBSERVATIONS

929

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

								•					
	_				A'L WE								-0230
					ÇL	ASS						HOUR	ts (L.S.T.)
	_				CON	DITION							
	-												
	11			ı		· · · · · ·		ı ———		T		1	T
SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	ò	3.8	1.5	• 1								6.2	5.6
NNE		1.5	1.3	• 3								2.8	7 • €
NE	.6	2.4	5.2	7.5	1.3							17.3	13.7
ENE	•5	4.4	13.0	18.6	4.1	• 2						40.9	11.4
E	•1	1.7	2.8	3.1	1.1							8.7	10.6
ESE		.1										• 1	6 • B
SE		• 1	- 5									.3	6.7
SSE			- 1	.8	• 1							1.3	12.8
S		_ • 5	_ •.9	1.2	•.1							2.7	10.4
SSW			• 1	. 5						[• 3	12.4
SW		• 1	_ •5	. 4								1.1	10.8
WSW			. 4	. 4	. 1							1.1	10.6
w	.2	• 6	. 5	- 4								1.9	7.6
WNW	. 2	1.5	.6									2.5	5.7
NW	1.7	4.2	. 6								,	5.8	5.0
WNN	• 8	3.0	1.7									4.7	5.2
VARBL													
CALM		$\supset <$	$\supset <$	$\supset <$	> <	$\supset <$	$\supset <$	$\supset <$	$\supset <$	$\supset <$	$\supset <$	2.4	
	" "	20.0	20.4	77.7	6.7	2				*		120.2	0.5

C

C

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

2252	HONOLULU IAP HI	71-84		MAR
STATION	STATION NAME		YEARS	MONTH
		ALL WEATHER		<u>.350-0588</u>
		CLASS		HOURS (L.S.T.)
		CONDITION		

SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	• 5	3.1	6	• 2								4.5	5.4
NNE	. 4	1.5	• 5	• 4								2.4	6.7
26	• 3	2.7	5.8	5.7	1.5	• 2						16.0	10.6
ENE	• 1	4.2	15.3	17.2	2.8	• 3						39.9	11.0
3	• l	• 9	3.1	2.8	• 2							7 • 1	9.9
ESE		• 1	• 3		• 1							• 5	10.0
SE		. i	• 3	. 1								• 5	8.8
SSE		• 2	• 3	• 5								1.1	10.2
5	, ì		8_	1.0								1.8	10.5
SSW		• 3	• 2	• 5						L		1.1	10.0
sw			. 2	• 6								1.0	11.1
WSW	. 1	• 2	• 3	• 2						L		• 9	7.9
w	. 1	• 4	• 3	• 5								1.5	9.1
WNW	. 5	3.2	• 3	. 1					<u> </u>	i		3.1	5.1
NW	. 8	5.5	1.1								l	7.3	5.1
NNW	1.4	6.2	• 9	• 3				L				8.8	5.3
VARBL													
CALM	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	\times	$\geq \leq$	\geq	$\geq \leq$	$\geq \leq$	2.5	
	4.5	27.3	30.3	30.4	4.4	• 5						138.3	9.3

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

42021	HONOL	ULU TAP	IH <				7:-	80						AR
STATION			STATIO	NAME					Y	EARS			м	IONTH
						ALL HE	ATHER						<u> 3629</u>	-0800
						CI	.ASS						HOUR	S (L.S.T.)
						CON	DITION		 -					
		_												
	SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
Ī	N	-5	3.8	. 8							 -		5.1	5.1
Ī	NNE	.3	1.8	1.2	• 1				·				3.4	6.2
ſ	NE	•4	3.3	6.8	5.7	•9							15.0	10.0
ſ	ENE	• tį	4.0	13.1	17.9	2.8	• 3						38.5	11.3
[E	. ?	2.0	3.9	4 • C	1.2							11.3	19.6
	ESE					• 1							• 1	17.0
[SE		. 2	• 1	• 1								. 4	8.5
	SSE		. 1	. 3	• 6	. 1		L	I				1.2	11.9
														

				1	!	L		1	·L				
NNE	• 3	1.3	1.2	• 1								3.4	6.2
NE	• 4	3.3	6.8	5.7	• 9						T -	15.0	10.0
ENE	. 4	4.0	13.1	17.9	2.8	• 3						38.5	11.3
E	• ?	2.0	3.9	4.0	1.2					1	1	11.3	19.6
ESE					1_						1	•1	17.0
SE		_ •2	• 1	• !						T		• 4	8.5
SSE		• 2	- 3	• 6	.1					1	1	1.2	11.9
S		• 3	5	1.1				1				2.0	10.8
SSW			,4	• 5								1.1	11.5
SW			.2	. 4							1	• 6	12.0
WSW			• 4	• 2								• 5	11.0
w	• 5	- 5	8					T				1.8	5.5
WNW	. 5	2.3	• 2	. 1								3.2	4.9
NW	• 4	4.8	. 4					Ι	I			5.7	4.9
NNW	. 8	3.6	• 5	• 1								5•0	5.3
VARBL													
CALM		$\supset \subset$	><	> <	> <	> <	$\supset <$		\bigcirc	$\supset <$		3.8	
	4.3	26.5	29.1	31.0	5.1	. 3					1	100.0	9.1

TOTAL NUMBER OF OBSERVATIONS

WNW

NNW VARBL

CALM

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

HC	MOLU	ULU IAP	STATION	NAME			71-	3 :)	Y	EARS				AR ONTH	
						ALL WE	ATHER						3930	-1100	
							ASS							\$ (L.S.T.)	
						CONE	DITION								
									-						
SPE (KN DI	TS)	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED	
-	,	-,	. 8	. 4	•1	• 3							1.5	6.9	ı
NI	NE	• 1	1	• 5	1.3	•2							1.9	11.7	ı
8	E	. 2	• 5	2.2	7.1	1.9	_ • 2						12.2	13.3	I
43	(E		• 6	3.9	19.7	13.8	1.2						36.1	14.7	Į
	2	-1	• 6	3.5	8.7	3.3	. 2			L			16.6	13.2	Į
ES	SE	• 3	• 9	1.1	.9								3.1	8.4	į
S	E	. 2	1.0	1.9	1.2	• 1							3.4	9.0	
\$5	SE	. 2	• 8	1.7	1.0	• 3							4.0	9.4	
	5		1.0	2.9	1.2								4.8	8.9	į
55	w	. 2	• 9	2.0	.9	• 1							4.1	8.9	٠
S	w		• 1	• 6	• 3								1.1	9.9	
W	sw		• 11	1.2	• 9	• 3]			2.8	10.5	
	- 1								}	1	1		แวก	1 0 1	

TOTAL NUMBER OF OBSERVATIONS 938

1.6

1.0

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

22321	HONOLULU TAP HI	71-80	MAR
STATION	STATION NAME	YEARS	MONTH
	ALL_Wi	EATHER	1260-1400
		LASS	HOURS (L.S.T.)
		 	
	CO	NOITION	

SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
2	,	• 1	• 8	• 3	• 3							1.4	9.7
NNE			• 5	1.3	• 4							2.5	12.9
NE		• 1	1.0	6.9	6.5	1.4						15.8	16.5
ENE		• i	1.5	14.7	14.5	2.6						33.4	16.6
E		1	1.1	8.7	3.5	• 2						13.7	14.6
ESE		• 1	• 2	1.0								1.3	11.5
SE	• 1	. 1	1.0	3.2	.8							5.2	12.8
SSE			1.1	3.2	. 4							4.7	12.2
S	• 2	• 2	3.1	2.2	•2						Ī	5.9	10.3
SSW			2.6	2.0	•1							4.7	10.4
SW		• 3	1.6	2.5								4.5	11.3
WSW			5	2.0	•3							2.8	12.9
w		• 3	. 1	.8	2_							1.4	11.2
WNW			• 3	.1								• 4	10.0
NW		• 2	• 5	• 3	. 1							1.2	10.2
WWW		• 1	• 4	• 4	• 1							1.1	11.2
YARBL													
CALM	\times	$\geq \leq$	\geq	\boxtimes	\geq	> <	$\geq \leq$	\geq	$\geq \leq$	\geq	\geq		
	. 4	1.8	16.6	49.8	27.2	4.2				<u> </u>		190.3	14.4

TOTAL NUMBER OF OBSERVATIONS 930

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

22521 STATION	HONOL	ULU IA	P HI	N NAME			71-	8.,		KARS			AR
		-	 -	·			ATHER						 -170C
		-				CON	DITION						
ſ	SPEED	1.2	4.4	7 10	,,,,4	17. 21	22 . 27	20 . 22	24 . 40	41 47	40 65	>4	MEAN

SPEEJ (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N			• 2	. 4	• ?							• 9	13.2
NNE			• 5	1.0	53							2.0	13.4
NE		• 1	1.7	11:08	5.5	1.1						20.2	15.5
ENE		• 1	1.6	18.3	17.0	2.2						39.1	16.4
Ę	ı.		. 9	4.0	1.8	• 3						7.1	14.8
ESE		• 2	• 6	• 5								1.4	9.6
SE			• 3	1.7								2.C	12.1
SSE		. 4	1.9	2.6								4.9	10.4
55		• 3	4.0	1.5	• 4							6.2	10.2
SSW		• 1	2.3	. 8	• 1				L		L	3.2	10.0
sw		• 5	1.9	2.4								4.8	10.5
WSW	• 1	• 1	1.4	2.0	• 1							3.8	10.9
w		. 1	. 4	1.0	• 2			<u> </u>		<u> </u>		1.7	12.3
WNW			• 3	-1	.1							• 5	11.8
NW			. 4	. 9	2							1.4	12.2
NNW			•2	•2								• 4	11.5
VARBL					L								
CALM	\times	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	• 1	
	.2	2.0	18.8	48.0	27.3	3.5						100.0	14.2

TOTAL NUMBER OF OBSERVATIONS 930

C

SURFACE WINDS

TOTAL NUMBER OF OBSERVATIONS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

22571	<u> 4000</u>	LULU IA	PHI	NAME				83	Υ.	EARS				AR ONTH
•••••							A T.1. = 2		•					
		_				ALL VE	AIME 4							- 2000 s (L.S.T.)
													HOUR	» (m.». 1.)
		_				CON	DITION							
		-												
	SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 · 27	28 - 33	34 - 40	41 - 47	48 - 55	≥54	*	MEAN WIND SPEED
	N		• 0	1.9	. 4	• 3					<u> </u>		3.3	8.4
ì	NNE	 	• 5	1.5	1.1	• 2							3.4	10.0
	NE		• 9	4.9	9.8	3.1	• 1				·		13.3	12.7
]	ENE	• 1	1.2	7.1	25.2	8•:	1.3						42.8	13.7
i	E		•6	17	4.6	1.1	• 2						8.3	12.5
1	ESE	.2	• 2	• 4									•9	6.4
Ī	SE		• 1	1.5	• 8						1		1.8	9.9
	SSE	. 1	• 5	1.5	• 3								2.5	8.3
	S	• 2	• \$	2.3	.8	• 1							4.0	8.4
	SSW		. 8	1.1	•6								2.5	8.4
	sw		. 3	.4	• 5								1.5	10.5
	wsw		• 5	1.7	8.	<u> </u>							3.3	8.9
	w	. 2	• 8	1.2	. 4								2.6	7.7
	WNW	i	. 3	. 4	•1		<u></u>						.8	7.4
	NW		. 4	. 6	• 3	1			L				1.5	9.3
	NNW		. 4	. 8	. 4								1.5	8.9
	YARBL								L					
	CALM		$>\!\!<$	$\geq \leq$	> <	$\geq \leq$	> <	$\geq \leq$	$\geq \leq$	$\geq \leq$	\geq	><	•8	

SURFACE WINDS

TOTAL NUMBER OF OBSERVATIONS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	10NOF	ULU JA	P HI	NAME.			_71-	80		KARS				AR
						ALL WE	ATHER						2109	-2303
													HOUN	IS (L.S.T.)
		_				CON	DITION		 .					
					- 									
	SPEED (KNTS) DIR.	1 . 3	4 - 6	7 - 10	27 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
	N		2.3	2.	.1								4.7	6.5
	NNE	• 2	• 9	1.8	. 4				1				3.3	7.7
	NE		2.6	4.5	7.8	1.4	• 2			L			16.5	11.5
	ENE	• 4	3.8	12.7	23.4	4.8	_ • 5						45.7	11.9
	Į.	_ 1	1.4	2.8	2.9	1.3							8.5	10.9
	EŞE			• 3	• 3	L							• 6	10.0
	SE	• 1	5	• 5	• 3								1.3	7.8
	SSE	• 1	- 1	. 3	• 2	<u></u>							.8	8.9
	5	• 3	• 6	1.1	1.1				<u> </u>		<u> </u>		2.9	9.0
	SSW	.1	• 4	• 4	• 3		ļ				<u> </u>	<u> </u>	1.3	8.0
	sw		• 2	• 3	.4	L _	<u> </u>		<u> </u>	<u> </u>	<u> </u>		1.0	10.4
	WSW	. 3	.?.	• 3	3_		<u> </u>		<u> </u>	<u> </u>	<u> </u>		1.2	7.9
		• 4	1.7	.5	.8		 		Ļ	<u> </u>	ļ	ļ	2.7	7.4
	WNW	2	. 5	-1	-2	-1	ļ	ļ	<u> </u>	ļ	ļ		1.2	7 - "
	NW		1.3	1.2	<u> </u>	ļ	<u> </u>		ļ		<u> </u>	ļ	2.7.	I - 3.
	NNW	3_	3. 7	1.0			<u> </u>		<u> </u>				1 ": 2.	1-2
	VARBL	Ļ	Ļ	Ļ.,	ļ.,	<u></u>	L		ļ		ļ		-	<u>i</u>
	CALM	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$) 	-
	L	3.1	18.5	30.0	38.8	7.6	. 8						المعدديد	

> NW NNW VARBL

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

22521	HONOL	ULU TAI	P HI	N NAME			71-	5.5		EARS				A R
31211011			0.2				A T.U.C.D.		•	LAKE				LL
						ALL WE	ATHER			 -				S (L.S.T.)
						-							HOUR	» (L.»/
		_				CON	DITION							
	SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
	N	•3	1.8	3	• 2	• 1							3.5	6.5
	NNE	• 1	• 7	1.3	.7	• 2							2.7	9.1
	NE	• 2	1.5	3.9	7.7	2.9	. 4						16.6	12.6
	ENE	_ •2	2.3	8.5	19.4	8.1	1.1						39.6	13.3
	E	_ • 1	• 9	2.5	4.9	1.7	.1						10.2	12.3
	ESE		• ?	. 4	• 3								1.0	9.3
	SE	. 1	• 2	6_	. 9	• 1							1.9	10.7
	SSE	• }	• 3	• 9	1.2	• 1							2.5	10.5
	S	, 1	5_	1.9	1.2	• 1							3.8	9.7
	ssw	• 0	_ 3	1.1	. 8	• ?							2.3	9.7
	sw		• 2	. 7	1.0								1.9	10.8
	wsw	. 1	. 2	. 8	- 9	•1							2.3	10.4
	W	.?	• 5	5_	6	. 1							2.0	8.4
	WNW	7	0	7	1								1.7	6.0

TOTAL NUMBER OF OBSERVATIONS 7438

1.5

SURFACE WINDS

TOTAL NUMBER OF OBSERVATIONS

900

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

252.	45801	ULU IA	P HI	N NAME			71-	80		EARS				PR
SIATION				.,					•					
		_	···			ALL WE	ATHER							+0200 s (L.S.T.)
													HOUR	. (
						CON	DITION							
		_												
	SPEED (KNTS) DIR.	1 · 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
	N	. 4	2.6	1.1	. 1								4.2	5.7
	NNE		1.4	1.3	• 3								3.1	7.1
	NE	. 2	3.2	7.3	8.1	1.1							19.9	13.1
	ENE	• 1	4.6	16.9	23.0	2.7							47.2	11.1
	E	• 1	1.5	4.2	3.4	_ 3							9.1	10.2
	ESE		• 1	.2	• 1.								• 4	8.5
	SE		• ?	. !	• 4						T		. 8	14.6
	SSE			. :	•1								• 2	11.5
	S	. 1	• 3	. 4	• 1								1.0	7.2
	SSW	• !	• 1		• 1								• 3	6.3
	SW													
	WSW	ĺ	. 3										• 2	4.₽
	W	4	. 7										• 7	4.8
	WNW	.2	. 8	. 4									1.4	5.2
	NW	• 7	3.6	. 4									4.7	4.9
	NNW	• 4	2.5	.8									3.8	5.3
	VARBL													
	C/\M	$\supset <$	$\supset <$	$\supset <$	$\triangleright <$	$\supset <$	$\supset <$	$\supset \subset$	$\supset <$	$\supset \subset$	$\supset \subset$	$\supset <$	2.9	
			لحسند								T			

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	HUNUL	ULU IA	<u> </u>				1 5 -	0 U					<u> </u>	F 3
STATION			STATIO	NAME					Y	EARS				ONTH
						ALL WE								<u>-0508</u>
						CL	.ASS						HOUR	s (L.S.T.)
						CON	DITION							
		_												
	SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
	N	• 7	2.8	2.2									5.7	5.7
	NNE	.6	1.2	2.1	.7								4.6	7.3
	NE	_ • 3	_3.6	8 • 3	7.7	• 9							20.4	9.7
	ENE	2	4.1	18.3	18.8	2.2							43.3	13.7
	Ę		1.2	3.3	1.1		• 1						5.8	8.8
	ESE												• l	9.0
	SE	i			• 1	• ?	• 1						• 5	16.9
	SSE				•1	• 1							• 2	17.5
	S	. i	- 1	6	• 1								. 9	8.0
	ssw		• 1										• 1	6.0
	sw		. ?										• 2	5.0
	wsw													l
	w	- 2	.6								l	L	• 8	4.1
	WNW	3	1.6	• 2									2.1	4.6
	NW	7	4.8	• 6			L						6.0	5.0
	NNW	4	4.2	. 7									5.3	5.1
	VARBL				L									
	CALM		$\geq <$	$\geq <$	$\geq <$	$\geq <$	$\geq <$	><	$\geq \leq$	$\triangleright <$	$\supset <$	><	3.9	
		3.7	24.4	35.8	28.6	3.4	. 2						100.0	8.7

TOTAL NUMBER OF OBSERVATIONS 900

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

...

SURFACE WINDS

TOTAL NUMBER OF OBSERVATIONS

900

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

	•				ALL WE	ATHER ASS						<u>36∂0</u> Ho∪
					CON	DITION				_		
SPEED (KNTS) DIR,	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*
N	1.	3.2	1	•1								5.4
NNE	. 1	1.6	1.7	.6							<u> </u>	3.9
NE	. 8	2.	9.4	7.2	1.3	• 2						21.7
ENE	• 3	4.4	19.7	2 .1	2.9						<u> </u>	38.4
Ę	1	2.1	3.6	2.6	• 6							9.1
ESE			• 6	. 1								• 7
SE			• 1									
SSE					• 2					L		. 2
\$		• 3	. 4	• 3		L						1.2
SSW	. 1	• 1	• 2	L								.4
SW											L	
wsw	• 1				<u></u>							
W		• 3			<u></u>					<u> </u>		• 3
WNW	, tı	1.3	• 3									2.5
NW	• 8	4.7	. 8	<u></u>								6.2
NNW	۰,	3.0	1.2	.1	<u></u>		L		L			5.2
VARBL												L
CALM	\langle											5.0

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

22523 STATION	HONOL	ULU IA	P HI	N NAME			71-	8.J	Ψ,	EARS				PR IONTH
		_	·			ALL WE	ATHER							-1188 s (L.s.T.)
		_				CON	DITION							
[SPEED (KNTS)	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	×	MEAN WIND SPEED
N		. 6	. 4	.7								1.8	9.1
NNE		• 7	1.2	1.4								3.4	9.5
NE		• 7	3.2	9.3	3.4	8						17.1	13.9
ENE		• 9	5.3	25.4	10.0	1.0						42.7	14.3
Ē		• 9	3.3	8.6	3.1							15.9	12.9
ESE		- 5	1.4	3								2.3	8.0
SE		5	1.4	. 4	- 1							2.7	8.5
SSE		• 9	1.2	• 2	• 1							2.4	8.2
5		1.5	2.6	. 4	1							4 • 1	84.7
SSW		. 4	.7	_ 3								1.4	8.1
SW	. 1	3	• 5	• 1								1.1	7.4
WSW	• 2	* 2	• 6							I		1.0	6.2
w		• 7	. 1									3.	5.7
WNW		3	4									. 8_	7.1
NW		• 2	. 8	• 2								1.2	8.3
NNW	. 1	• ?	• 2	• ?								• 8	7.7
VARBL													
CALM	$\geq \leq$	$\geq \leq$	\geq	$\geq <$	$\geq \leq$	\boxtimes	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	• 4	
	. 7	9.1	23.6	47.4	17.0	1.3						130.0	12.5

TOTAL NUMBER OF OBSERVATIONS 986

C

SURFACE WINDS

TOTAL NUMBER OF OBSERVATIONS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

2-2	40NO	ULU IA	P HI	N NAME			71-	80		EARS				PR
***************************************						ALL WE	ATHER						1200	-1400 s (L.S.T.)
		-				CON	DITION				_			
	SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	17 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
	N		, 1	9.	7								1.7	9.9
	NNE		1	• 6	2.4	• 2							3.3	12.9
	NE		• 2	1.7	13.8	5.6	• 5						19.8	15.5
	ENE	• 1	• 2	2.1	21.6	16.1	2.7						42.8	16.1
	E			1.7	6.2	3.4	. 4						11.8	14.8
	ESE			• 3	. 4								• 8	11.9
	S€		• 1	• 7	2.0	• 1							2.9	12.0
	SSE		• 2	1.2	1.7	• 1							3.2	10.9
	S		• 4	4.3	1.1	• 1							6.0	9.6
	SSW		• 2	1.1	• 2								1.6	8.5
	sw		• 2	1.7	1.3								3.2	10.1
	WSW		• 2	. 7	• 9								1.8	10.6
	W		• 2		.1				<u> </u>				• 3	7.3
	WNW	<u> </u>		-1	-1		<u> </u>	<u> </u>	<u> </u>				• 3	9.0
	NW			- 3	11		<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>		• 2	10.0
	NNW		• 1	<u></u>	• 1		<u> </u>			<u> </u>			• 2	13.0
	VARBL													<u> </u>
	CALM		$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	• 1	
	ì		i .						i -		1	1	l	1

LIBARETA S FORM

SURFACE WINDS

TOTAL NUMBER OF OBSERVATIONS

900

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1	HONOL	ULU IA	IK 9				71-	8 3						PR
TION			STATIO	NAME					Y	EARS			M	ONTH
						ALL WE							1503	-1700
						CI	ASS							S (L.S.T.)
		_				CON	DITION							
		<u>-</u> -												
	SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
Π	N			.2	. 8								1.0	12.5
ı	NNE	♦ ₹	. 1	. 4	2.2	1.5							4.0	14.2
I	NE		•?	1.2	13.0	9.6	1.8						25.0	15.9
Π	ENE		• 7	1.8	29.4	18.7	2.2						43.8	16.2
ı	E		• 2	. 9	4.7	2.3	• 2						8.3	14.7
ſ	ESE		• 2	• 2	.3								•8	8.9
ſ	SE		• 1	. 3	1.1								1.6	11.4
Ī	SSE		. 2	1.0	• 6				l				1.8	9.4
ſ	\$. 9	2.3	. 3								4.3	3.1
ĺ	SSW		- 4	1.6	. 3								2.3	8.5
ĺ	SW		3	. 8	1.0								2.1	9.9
1	WSW		• 3	. 7	1.4								2.4	10.9
[w		• 2	3	• 3								• 9	9.1
I	WNW			.6	. 2	• 1							• 9	11.4
I	NW		. 2	• 2									• 5	8.5
	NNW		. 1	• 1	• 1	• 1							• 4	10.8
Į	VARBL													
	CALM	$\geq \leq$	\boxtimes	$\geq \leq$	$\geq \leq$	\boxtimes	$\geq \leq$	\boxtimes	\boxtimes	\geq	\geq	\times	• 1	
ĺ			, ,	17.	"(0	72.2	7 //		l				100 2	10 7

> WNW NW NNW VARBL CALM

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

2571	HONOI	ULU IA	HI	N NAME			71-	3.0		EARS				PR
						ALL_ZE	ATHER						1850	-2700
							ASS							s (L.S.T.)
		-				CON	DITION			······································				
	SPEED (KNTS) DIR.	1 · 3	4 - 6	7 - 10	11 - 16	17 - 21	22 · 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
	N		. 7	1.4	• 5	1							2.8	9.2
	NNE	• 1	• 2	. 9	1.4	.1							2.8	11.1
	NE	• ?	1.1	5.6	13.1	2.4	• 3						22.8	12.5
	ENE	.1	1.1	10.3	30.0	19.4	.8						52.8	13.5
	E		• 7	1.9	2.7	1.6	• 1						6.9	12.5
	ESE		• 1	• 1	• 3								• 5	10.6
	SE	• 2	. 6	• 2	•1								1.0	7.3
	SSE		• 7	• 2	.1								1.5	6.7
	\$	• 2	1.1	• 5	.1								2.2	6.6
	SSW		• 7	• 4									1.1	5.7
	sw		• 3	• 1	•1								• 6	6.5
	WsW		• 6		• 2								. 8	7.1
	w			. 7	. 2	1					1			9.5

TOTAL NUMBER OF OBSERVATIONS 900

SURFACE WINDS

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PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

42521	HONOLULU TAP HI	71-83		APR
STATION	STATION NAME		YEARS	MONTH
		ALL WEATHER		2130-2300
		CLASS		HOURS (L.S.T.)
		CONDITION		

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥54	*	MEAN WIND SPEED
N	• 2	1.3	1.8	.1								3.4	6.8
NNE	• 2	. 8	1.8	_ • 9								3.7	8.5
NE		1.8	7.1	13.2	1.8	• 1						21.9	11.4
ENE		4.1	15.8	26.5	3.6	• 2						50.2	11.7
E		• 7	5.6	2.7	• 7	•1						9.7	10.4
ESE		• 2										• 2	6.₽
\$E		• 1	.4	• 2								8	9.0
SSE	• ?		• 3									.4	5.3
\$	• i	• 2	• 4	•2		i						1.7	8.3
55W	• 1	• 1		. 1								• 3	6.3
SW	. 1	. 2			Γ							• 3	4.3
wsw		• 3	5.								i	• 6	5.5
w		8										• 5	4.9
WNW	. 2	• 1				i						• 3	3.3
NW	. 1	1.3	. 4									2.3	5.4
NNW	. 6	2.1	• 3	1			1		1	1		3.0	5.2
YARSL			1						1				
CALM	\ge	\geq	\times	\geq	\times	\geq	\geq	\geq	\geq	$\geq \leq$	\geq	1.9	
	1.9	14.7	34.1	43.9	6.0	4						100.3	10.4

TOTAL NUMBER OF OBSERVATIONS 899

SURFACE WINDS

TOTAL NUMBER OF OBSERVATIONS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

521	HUNOL	ULU IA					71-	8 U						PR
NOITATE			STATIO	NAME					Y	EARS			м	ONTH
		_				ALL WE	ATHER						A	<u>LL</u>
		_	_			CI	ASS						HOUM	s (L.S.T.)
		_					DITION							
						COM	Diffor							
		_												
				, 				, <u>.</u>		,				
!	SPEED (KNTS) DIR.	1.3	4.6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
	N	• 3	1.4	1.1	• 4	•							3.3	6.9
	NNE	ء دُ	•3	1.3	1.3	• 2							3.6	9.6
	NE	.2	1.6	5.4	9.9	3.4_	• 4						20.9	12.5
	ENE	•].	2.5	10.1	23.2	8.3	• 9						45.1	13.1
	E	4.5	• 3	3.1	4 • □	1.5	• 1_						9.6	12.1
	ESE		• 2	• 4	• 2								_• 7	8.9
	SE		•2	. 4	• 6	• 1	• 0						1.3	10.4
	SSE	•€	• 3	• 5	• 3	• 1							1.2	9.5
	5	. 1	• 5	1.6	• 3	• 23							2.6	8.5
	SSW	• :	• 3	• 5	• 1								1.0	7.6
	SW	• :	• 2	. 4	• 3								• 9	9.6
	W\$W	• :	• 2	• 3	• 3				<u> </u>		<u> </u>		. 9	9.0
	w_	• •	• 4	. 1	• 1				<u></u>				. 7	6.5
	WNW	5.	• 6	.3	.0	. 7	L	<u> </u>	L				1.1	6.C
	NW	. 3	1.9	• 5	. 1	, ;		L					2.8	5.6
	NNW	• 3	1.6	.5	. 1	• 7		<u> </u>	<u> </u>				2.5	5.6
	VARBL						L		<u> </u>	<u> </u>				
	CALM	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$			$\geq \leq$	$\geq \leq$	$\geq \leq$	><	\times	1.8	
														11.

SURFACE WINDS

TOTAL NUMBER OF OBSERVATIONS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

<u> </u>	HONOL	ULU IA	P HI				71-	ខ្ល						AY
N			BYATIO	N NAME	_				Y	EARS			M	ONTH
						ALL WE	ATHER						<u>000</u>	-0200
		_				CI	.A85						HOUM	s (L.S.T.)
						CON	DITION				-			
_								·····				,,	r	r
	SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
	N	- 3	3.3	• 5									4.2	5.0
	NNE	• 3	1.4	• 9	•2								2.5	6.3
	NE	. 4	3,7	10.3	8.0	• 5							22.9	9.6
Γ	ENE	.2	5.3	23.3	17.7	• 9							48.5	9.8
Γ	E	. 2	2.5	5.2	2.5	. 43							10.2	9.0_
Γ	ESE		• 1	• 3									.4	7.0
ſ	SE												• 1	3.0
[SSE		. 1										• 1	5.0
I	\$			• 1	.3								• 4	12.8
	SSW													
	SW		. 1										• 1	5.0
	WSW													
L	w	1	• 3										• 4	4.5
[WNW	4	• 5	1									1.1	4.4
I	NW	- 8	2.2	. 3	-1								3.3	5.0
	NNW	. 3	2.8	• 2									3.3	4.8
[VARBL													
	CALM	\geq	\ge	\boxtimes	$\supset <$	\geq	><	\geq	$\geq \leq$	$\geq \leq$	$\triangleright <$	><	2•3	
f						l			[1				

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

2252	HONGLULU JAP HI	71-9-1		YAM
BTATION	STATION NAME	YEA	RS	MONTH
		ALL WEATHER		3300-0500
		CLASS		HOURS (L.S.T.)
		CONDITION		

SPEED (KNTS) DIR,	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	, β.	3.4	. 6									4.8	4.9
NNE	. 1	• 8	1.4	. 4								2.3	7.9
NE	2.0	4.5	10.3	4.5	- 1							20.4	8.5
ENE	- 8	6.3	22.0	15.1_	- 9		I					45.1	9.5
ŧ	• 2	2.7	3.7	1.2								7.7	7.9
ESE		• 2	. 2									• 4	6.3
SE		• 1.										• 1	6∙₿
SSE	1		Ţ										
5		• 2	. 3	• 3								• 9	9 • G
SSW		• 1										• 1	6 · B
SW	i	• !							T			. 1	4.3
wsw	• 1		• 2									• 3	6.0
w		. 4		1_								• 5	6.0
WNW	- 8	2.2	.2									3.1	4.4
NW	.8	4.2	• 2						<u> </u>			5.2	4.8
NNW	1.8	4.6	• 5									6.1	4.7
VARBL				i									
CALM		\boxtimes		> <	$\supset <$	$\supset <$	> <		$\supset <$	><	$\supset <$	2.8	
	5.4	29.9	39.4	21.6	1.0		1					100.0	7.9

TOTAL NUMBER OF OBSERVATIONS

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SURFACE WINDS

TOTAL NUMBER OF OBSERVATIONS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

52 E	HENOL	ULU IA	C HI	N NAME			71-	<u>8:) </u>		EARS				A Y
PIRILON			31,7110						•	LARD				
		_				ALL WE	ATHER			~				-0800 s (L.s.T.)
						-							HOUR	18 (6.8.1.)
		_				CON	DITION							
-				· · · · · · · · · · · · · · · · · · ·										
	SPEED (KNTS) DIR.	1 - 3	4.6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
	N	.5	2.0	1.1									3.7	5.4
[NNE		1.2	2.7	• 3								3.5	7.2
	NE	. 6	v . a	7.2	8.2	- 5							20.5	9.7
	ENE	• 6	ا و د	18.7	15.4	2.7							42.8	10.2
	E	• 3	1.7	5.3	2.2								9.5	8.5
	ESE	1	• 5	4	. 2								1.3	6.8
	SE	j			. 1						T		. 2	7.0
[SSE	.2	. 2		-1								• 5	5.2
[5	1	ı	. 4	. 2								• 9	8.0
- [ssw			_ 3	l						I		• 5	7.4
[sw												_ 0.1	9.0
ĺ	W\$W	1	. 3										. 4	4.0
L	W		. 3	l									. 4	4.0
	WNW		1.4	. 2									1.6	5.1
[NW	Ę	4.4	1.0									5.9	5.0
[NNW	9.	4.0	• 3									5.1	4.6
[VARBL													
	CALM	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \!$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	\mathbb{X}	2.9	
1		, ,	26.7	77.1	24 7	2.7			1]			100.0	0 5

SURFACE WINDS

TOTAL NUMBER OF OBSERVATIONS

930

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSLRVATIONS)

? L	ноиог	ULU TA	HI	NAME			71-	30		EARS			<u> </u>	4 Y ONTH
		_			- · · · · · · · · · · · · · · · · · · ·	ALL 4E	ATHER							-1100 s (L.S.T.)
		_	· · · · · · · · · · · · · · · · · · ·			CON	DITION							
	SPEED (KNTS) DIR,	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥54	%	MEAN WIND SPEED
į	N				;				i					6.1
i	NNE	I	i	.,	1.9	• 3							2.7	12.8
	NE	. 1	• 4	3.8	11.9	2.8	• 1						19.1	13.2
	ENE	. 1	• €	5.6	27.3	7.7	• 2						41.7	13.8
į			1.1	5.3	8.3	1.2							15.8	11.3
	ESE		1.3	1.2	1.0								3.4	8.3
	SE		• 8	1.0	1.3								3.3	9.6
	22%	.1	6_5_	2.2	• 5_								3.4	8 • 4
	\$. 1	• 3	2.5	- 8					L			4.1	8.5
	SSW		• 3	1.6	. 4								2.5	8.5
	sw		• 2	• 8									1.0	7.2
	142M	. 2	. 4	. 1									. 8	4.7
	w		. 1								<u> </u>		•1	5 · C
	WNW			•1		<u> </u>							• 2	6.3
	NW		. 2	. 2	<u> </u>								• 5	5.8
	NNW	1	• 1	<u> </u>	<u> </u>	<u> </u>		<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	•1	5.0
	VARBL	L				L	L					<u></u>		L
	CALM		$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	• 5	
		. 2	7.8	24.9	53.4	12.0	. 3	ļ					100.0	12.0

WSW WNW NW NNW

CALM

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

22,2;	поион	ULU IA	P HI	V NAME			71-	80		EARS				AY
		-				ALL WE	ATHER ABS		·				1290	-1406 is (L.S.T.)
		-				CON	DITION							
	SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 · 40	41 - 47	48 - 55	≥54	*	MEAN WIND SPEED
	N			. 1	.1								• 2	10.5
	NNE			• 2	1.5	- 5					i		2.4	14.3
	NE		2	2.7	14.7	8.8							25.8	15.2
	ENE			2.7	24.8	13.7	• 6						41.8	15.3
	Į.		. 4	1.7	5.5	2.6	• 1						13.3	13.7
	ESE		• 3	• 4	. 2	1 1							• 9	10.8
	SE			. 8	2.8	.2							3.9	12.2
	SSE		. 1	2.0	2.5								4.5	11.0
	\$. 1	3.4	1.9	-1					<u> </u>		5.6	10.2
	SSW	Ĺ		1.3	. 8	L	L		<u> </u>	<u></u>	<u> </u>	L	2.0	10.2

						1	1					
	. 1	2.0	2.5								4.5	11.0
	. 1	3.4	1.9	. 1					Ì		5.6	10.2
		1.3	. 8			l					2.0	10.2
		• 3	.4					L			8.	10.2
	=	. 5	. 3			L				L	1.0	9.7
	. 1	. 3									. 4	8.0
				L							·	
	. 2			<u> </u>		<u></u>					2	5.0
		-1					<u> </u>				• !	10.0
					<u> </u>	<u></u>	<u> </u>		L			
\sim	\sim	\sim	\sim	\sim						\sim	ŀ	ļ <u></u>
			<u> </u>									
	1.5	16.5	55.5	26.2	. 8	1	J	1	ļ	1	100.0	14.2

TOTAL NUMBER OF OBSERVATIONS 929

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

	HONOL	ULU IA	P HI _				71-	80					M	A Y
			STATIO	NAME					Y	EARS			M	ONTH
		_				ALL WE	ATHER						1500	-178G
						CL	ASS							5 (L.S.T.)
						CONI	DITION							
														
	SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
	N	_,;_	_ i_	• 1	.4								8.	13.6
	NNE			• 3	2.2	.5							3.1	14.3
	NE			9	14.1	9.5	• 5						25.0	15.8
Г	ENE		• 2	3.0	25.7	17.4	• 5						46.8	15.5
Γ	E		• 5	1.5_	4.7	1.4							8 • 2	13.2
	ESE	1.	• 1	• 5	• 2								1.0	8.2
	SE		• 3	1.1	1.4	• 1							2.9	11.1
	SSE	. 1	• 2	1.2	1.0								2.5	10.2
	S		•6	2.9	• 3								4.3	8.5
L	SSW			• 9	• 2								1.2	8.8
Į.	SW			1.3	. 1								1.4	9.1
L	WSW		• 1	. 4	• 1								• 6	9.3
L	w	l		•6_	• 1	<u> </u>	<u> </u>			L			• 8	8.6
L	WNW	<u> </u>	. ?	. 2		<u> </u>			<u> </u>	L	Ι		.4	6.5
L	NW			•]			Ĺ	<u> </u>					• 1	7.5
L	NNW	. 3		.3	. 2	L							• 6	8.5
	VARBL													
	CALM	$\geq \leq$	$\geq \leq$		$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$		• 2	
Г		1			T		<u> </u>			I		1		1

TOTAL NUMBER OF OBSERVATIONS 92

SURFACE WINDS

TOTAL NUMBER OF OBSERVATIONS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

<u> </u>	<u> </u>	LULU IA	<u> </u>					0 🗸						<u>^</u>
STATION		LULU IA	STATIO	N NAME					Υ	EARS			м	IONTH
						ALL WE	ATHER						4800	-2JDC
						CI	ASS						HOUR	S (L.S.T.)
						CON	DITION							
		,,												
	SPEED (KNTS)	1.3	4.6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN
	DIR.		4.0	, , ,	11.10	" • •	*****	20.33	34.40			5.50	~	SPEED
	N	.2	• 3	• 6	.4	 			 				1.6	7.9
	NNE			. 3	1.3		i		 		1		1.5	11.9
	NE		• 5	4.4	16.5	3.6	. 1						25.2	13.3
	ENE		1.3	13.3	36.7	6.3	- 3						54.5	13.1
	E	•	• 5	2.5	3.3	• 3	!	1					6.8	10.7
	ESE	. 1	3	3	.2						·		1.0	7.0
	SE	2	• 1	• 2	•1								• 5	6.6
	SSE	• 1	• 6	. 3		1							1.1	5.9
	\$.9	. 9	• 3								2.3	7.6
	SSW		5	.2									. 8	5.7
	SW		.3	. 3									s.	6.0
	WSW		.1	٠,									. 6	8.2
	W	1	5	• 3									1.0	5.8
	WNW		. 3	. 1	1								. 4	6.8
	NW		1	. 4									. 5	7.8
	NNW		5	• 5									1.1	6.9
	YARBL													
	CALM				$\supset \subset$			$\supset \subset$		\searrow			• 4	
			\leftarrow							\leftarrow				
	•			4			1				,		1	

SURFACE WINDS

TOTAL NUMBER OF OBSERVATIONS

PERCENTAGE FREQUENCY OF WIN'S DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

2121	оисн	LULU IA	P HI	N NAME			71-	8 [-	EARS				A Y
•1A.11•						ALL 275	ATUES		•					
		_				ALL WE	AINCH							-2380 s (L.S.T.)
													NOUN	
						CON	DITION							
		-												
	SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
	N	.2	1.8	•2		<u> </u>	l				 		2.3	5.0
	NNE	. 1	• 9	1.1	. 1								2.0	6.5
	NE	.3	1.8	7.6	9.5	1.7							20.2	13.8
	ENE	• 3	5.1	23.8	26.9	2.3							58.4	12.7
	E	1	1.6	5.2	2.9	• 3					 		10.0	9.2
	ESE		• 4	• 4]						i	• 9	5.4
	SE	1	•1			·				 	 	 	.1	6.€
	SSE	1	• 3		.1							l	• 4	7.8
	S	.:	• 1	• 3	• 1	• 1			 				.8	9.9
	SSW	1		.2	• 1								• 3	10.0
	SW	. i	• 2			 	· · · · · · ·			 			• 3	4.3
	WSW	1		 		†					 	 		
	W	.4	5	<u> </u>	.1		 			 	 		1.1	5.1
	WNW	-2	• 5	.1		i						 	9	4.8
	NW	,	- 5	- 1	 	·			 		 	 	.8	5.6
	NNW	.5	.5	2	 	 		 	i -	 -	 	 	1.3	4.8
	YARBL	*	1 2-	•	 	 	 		 		 	 	<u> </u>	7.00
	CALK											$\overline{}$. 3	 -

e

SURFACE WINDS

TOTAL NUMBER OF OBSERVATIONS

743G

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	HONO!	ULU IA	P HI	N NAME			71-	8.1		EARS				A Y
212.11						ALL WE	ATHER						A	L.L s (L.s.T.)
		-				CON	DITION							
	SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
	N	. 3	1.5	• 5	. 1								2.3	_5.6
	NNE	. !	. 5	. 8	1.0	?							2.5	10.1
	NE	. 3	1.9	5.8	17.9	3.4	• 1						22.4	12.2
	ENE	. 3	3.3	13.7	23.7	6.4	• 2						47.4	12.2
	E	.1	1.4	3.8	3.8	. 8	.7						9.8	10.5
	SE		• 4	• 5	• ?	• 1							1.2	7.8
	»E		• 2	. 4	.7	- 3							1.4	10.6
	SSE	. 1	• 3	. 7	5								1.6	9.3
	\$. 3	1.4	6								2.4	9.1
	SSW		• 3	. 6	. 2								• 9	8.7
	SW		1	. 3	1								• 6	7.9
	WSW		1	• 2	. 1								• 5	7.4
	W	1	. 3	. 2									• 5	6.0
	WNW	. 2	7	. 1									1.0	4.9
	NW	. 3	1.5	• 3	3								2.1	5.1
	NNW	. 3	1.6	. 3	0								2.2	5 · G
	YARBL													
	CALM	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	1.2	
		11		I	1	I	1	1	ı	I	1	1	i.	I

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

SPEED 1 - 3 4 - 6 7 - 10 11 - 16 17 - 21 22 - 27 28 - 33 34 - 40 41 - 47 48 - 55 256 % N	JN ONTH			····	EARS	YI	79	73-			NAME	HI	ULU IA	HONOL	2.71
SPEED (KNTS) 1-3	-028C • (L.s.T.)							ATHER ASS	ALL WE			· · · · · · · · · · · · · · · · · · ·	-		
(KNTS) 1 · 3								PITION	CONI				_		
NNE	MEAN WIND SPEED	%	≥56	48 - 55	41 - 47	34 - 40	28 - 33	22 • 27	17 - 21	11 - 16	7 - 10	4 - 6	1 - 3	(KNTS)	
NNE	4.9	2.7									• 3	1.0	, L	N	ſ
NE .1 2.9 3.1 12.7 .4 ENE .1 4.7 23.1 23.1 1.8 52.8 1 E 1.1 5.4 2.8 .3 9.7 9.7 55 5.5 9.7 9.7 5.5 5.5 5.5 1.1 5.5 <td>7.9</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>• ()</td> <td></td> <td>• 7</td> <td>. !</td> <td>NNE</td> <td>Γ</td>	7.9									• ()		• 7	. !	NNE	Γ
ENE	10.5	24.2							, tį	12.7		2.9	• 1	NE	Γ
E	13.4	52.8							1.8					ENE	Ī
ESE	9.6	9.7												E	r
SE 1 SSE 3 1 5 3 1 1 SSW 4 4 SW 2 2 WSW 2 2 WNW 4 1 WNW 1 4 2 NW 2 1.8 2 NNW 2 1.1 1.3	5.8											• 4		ESE	ľ
5	4.0	• 1										• 1		SE	Γ
SSW 0.4 0.4 0.4 0.5 0.2 0.2 0.5	6.5	2									• 1	. 3		SSE	ľ
SW	7.4	• 5								1	• 1	_ 3		5	ſ
WSW W	8.5	. 4									• 4			SSW	Γ
W 15 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	8.5	• 2									• ?			SW	ſ
WNW .1 .4 .2 NW .2 1.8 .2 NNW .2 1.1														WSW	r
NW .2 1.8 .2 2 2.2 NNW .2 1.1	5.8	•6										. 14		w	ĺ
NNW .2 1.1 1.3	5.4	. 8									• 2	. 4	,	WNY	[
NNW .2 1.1 1.3	5.1	2.2									• 2	1.8	• 2	NW	[
7,,,,,,	4.2											1.1	.2	NNW	ſ
YARBL II III III III III III III III III II														VARBL	[
CALM 1 • 2		1.2	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	CALM	

TOTAL NUMBER OF OBSERVATIONS 981

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

22-21	HONOL	ULU IAF	HI	N NAME			73-	79		EARS				UN_
••••		_			 	ALL WE	ATHER				_		<u>_300</u>	-0500 s (L.S.T.)
						CON	DITION							
	SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
	N	• 4	2.4	• 4									3.3	5.1
Ī	NNE	l [1.1	1.7	• 2								_3.0	7.7

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	. 4	2.4	. 4									3.3	5.1
NNE		1.1	1.7	.2		l						3.0	7.7
NE	. 3	2.8	9.7	9.8		l	<u> </u>		L			22.5	9.9
ENE	• 2	4.9	24.3	16.7	1.3]					47.4	9.9
E	. 2	2.5	4.7	2.4								9.3	8.8
ESE			.1									• 1	10.0
SE			• 1									• 1	9.0
SSE				•î								• 1	11.0
\$		3		.1			<u> </u>					_ •4	6.3
SSW		. 3	.1	. 1								3	9.3
SW		• !	• 2									• 3	7.7
WSW		• 2	.1			i						• 3	5.0
w	• ?	• 4	.1									8	4.9
WNW	5	. 8	. 2	i ——						i		_1.6	4.6
NW	. 7	3 • 4	•6									4.7	4.~
NNW	• 4	3.1	• 2	i		-						3.8	4.8
VARBL			1							Γ			
CALM	\times	$\geq \leq$	\geq	$\geq \leq$	\geq	\geq	\geq	\geq	$\geq <$	\boxtimes	\geq	1.8	
	3.1	21.8	42.6	i	1.3							100.0	3.8

TOTAL NUMBER (OF OBSERVATIONS	ong

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

<u> нол</u>	<u> 101010 13</u>	AP HI					19						U.V
		STATIO	N NAME					Y	EARS			M	HTHO
	_				ALL WE								-0800
					CL	ASS						HOUR	IS (L.S.T.)
	-												
					CON	DITION							
	-												
SPEED (KNTS DIR.) 1 - 3	4.6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SFEED
N	- 4	1.8	.7	1				 	 			3.3	5.7
NNE	• 1	. 3	1.2	.6								2.3	8.1.
NE	.4	2.9	9.5	1 1 O	• 4							23.2	10.2
ENE	· u	u.y	20.4	24	2.2							47.8	10.5
E	.6	1.6	4.3	3.1	• 2							19.2	9.0
ESE		.8	- ĉ	•1								1.1	6.2
SE		. 4	T									• 4	5.0
SSE		• 1										• 1	5.5
S	• 1	. 3	. 1									• 6	5.0
SSW	• 1	• 1		• 2								.4	7.5
SW	. 1		. 1									• 2	6.□
WSW	. 1		• 1									• 2	6.0
W	.2	• 2		. 1								• 5	6.4
WNW		1.4	• 2									1.9	5.0
NW	• ?	2.4	• 3									3.0	4.9
NNW	, 4	2.2	. 2				T	T	Ĭ			2.9	4.6
VARB	l												
CALA	· > <	$\supset \subset$	$\supset <$	$\supset <$	> <		><	$\supset <$	$\supset \subset$	$\supset <$	><	1.4	
F						T		7		T			

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

2521	HONO	ULU TAP	ZH S				79-	79					<u> </u>	UN
STATION			STATIO	N NAME					٧	EARS				IONTH
						ALL WE	ATHER							-1100
						CI	.A58						HOUR	ts (L.S.T.)
						CON	DITION							
										1				
	"rEED (KNTS)	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN
	DIR.	'		,			••		** **					SPEED
	N		. 4	• 2									7	6.0
	NNE	• ;		• 9	2.0	• 1							3.1	11.5
	NE			3.6	11.5	3,0	, 1						13.6	14.0
	ENE		• 8	5.6	32.7	8.4	• 3						42.2	13.8
	E	• ;	1.1	3.5	11.5	1.1							17.3	12.2
	ESÉ		• 7	1.4	• 4								2.6	8.4
	SE		. 7	9	1.0								2.5	9.1
	SSE		- 2	1.9	• 9								3.0	9.5
	\$		• 1	1.5	. 1								1.8	8.1
	SSW		• 2	• 3	•.1					I			• 7	8.7
	SW		- 1	1						1			2	8.0
	WSW			1	2		L			<u> </u>			. 4	8.5
	W													
	WNW													l
	NW		. 1	2									. 3	7.3
	NV 1	• 1	1	. 1									• 3	5.3
	VARBL													
	CALM		$\overline{}$										• 2	
			\sim	\sim	\sim	\sim	\sim	\sim	\sim	\sim	\leftarrow	\sim	L	

TOTAL NUMBER OF OBSERVATIONS 898

SURFACE WINDS

PERCENTAGE FREQUENCY OF WILL DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

21 ETATION	HONOL	ULU IA	P HI	N NAME			70-	79		EARS			<u>J</u>	UN
		_				ALL WE	ATHER						1200	-1495 s (L.S.T.)
		-				CON	DITION				_			
	SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
	N		. 1	• 3									. 4	9.0
	NNE			• 2	1.3	• 1		i					1.7	13.6
	NE		. 1	• 9	15.8	9.6	. 4				<u> </u>		26.8	15:6
	ENE	<u> </u>	. !	2.4	28.3	16.0	1.3						47.9	15.4
	E			1.4	7.4	3.2							12.1	14.6
	ESE	• 1	• 1	• 2	• 7								1.1	10.9
	SE			• 8	1.9	.1							2.8	12.5
	SSE		• 1	• 8	1.2	• 3							2.2	11.7
	\$		• 1	1.5	• 6								2.2	9.7
	SSW			1.0	• 2				L				1.2	9.1
	sw			• 3	. 2			[• 6	10.2
	WSW			• 3	• 1								. 4	10.8
	w			. ?	• 1						L		• 3	10.3
	WNW			• 1					L				• 1	9.0
	NW													
	NNW		.1										• 1	5 • €
	VARBL		Ĺ		I									
	CALM	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \! \! \! \! \! \! \! \! \! \! \! \! \! \! \! \! \! \! \!$	$\geq \leq$	$\geq \leq$	$\geq \leq$	><		
									<u> </u>		T			1

TOTAL NUMBER OF OBSERVATIONS 950

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

27521 STATION	HONOL	ULU IA	HI C	NAME			70-	7.9		EARS			<u>J</u>	UN
		_	··· <u>·</u> -			ALL HE	ATHER							- 1.700 s (L.S.T.)
		<u>-</u>				CON	DITION							
	SPEED (KNTS) DIR,	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
f	N			•.2	. 1	. 1							_ •4	13.0
[NNE		1	5	2.3	• 3							3.3	13.0
[NE		:	1.4	15.7	12.2							29.5	15.9
ſ	ENE	• 1.		• 8	29.8	17.9	1.0						49.6	15.8
ſ	E		• 1	1.0	4.8	2.8	•]				1		8.8	14.5
T.	ESE			. 1	• 3								. 4	13.0
[SE		• 1	• 2	.8								1.0	12.0
ſ	SSE			• 6	8						1		1.3	10.8
	\$			1.3	. 4								1.8	9.4
[SSW		• 2	1.G	. 2						Ī —		1.4	8.2
	SW			• 2	2				L				. 4	17.8
[WSW			• 3	2	• 1							• 7	11.2
	w		. 3	- 1	. 2								• 4	9.5
	WNW		• 1	- 1									. 2	7.0
[NW		1										• 1	6.0
[NNW		• 2									i	. 2	5.0
	VARBL													
[CALM	> <	$\geq \leq$	$\geq \leq$	\boxtimes	$\geq \leq$	$\geq \leq$	$\geq \leq$	\geq	\boxtimes	$\geq \leq$	$\geq \leq$		

TOTAL NUMBER OF OBSERVATIONS 900

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

(5/24	HUNOL	ULU IA	P HI					<u> 79</u>					J	ยง
STATION			STATIO	NAME					Y	EARS				IONTH
		_		_		ALL WE	ATHER						1800	-2000
						CI	LASS							ts (L.S.T.)
		_												
						CON	DITION							
		_					···							
ı					,,		,			,		···		,
	SPEED			7 - 10		l . <u>.</u>			l <u>.</u>		1			MEAN
	(KNTS) DIR.	1 - 3	4 - 6	7 . 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	WIND
	N		• ?			 -				 	 			<u> </u>
	NNE			• 9	3 1					 			1.3	9.5
	NE	• i			1.4	- 1	 		ļ	ļ			2.4	11.8
	ENE		• !	3.7	19.3	4.5			 	 			28.1	13.8
			• 3	7.3	38.8	8.							54.4	13.6
	, , , , , , , , , , , , , , , , , , ,		.6	2.1	4.3	.7							7.7	11.9
	ESE		.1	. 4	• 1								.7	8.5
	SE			. 7	•1				ļ				•8	8.7
	SSE		• 4	- 4	• 1		ļ						1.0	7.3
	<u> </u>	• 1	. 2	• 3	. 2		L						• 9	8.1
	SSW	• 2	• 3	• 2	.1								• 9	5.9
	SW		• ?			<u> </u>							• 2	5.5
	WSW			• 4	• 2								.7	10.5
	w	L	1		<u> </u>								• 1	4.0
	WNW	L											1	2.0
	NW		2										• 2	5.0
	NNW	.1		2									• 3	6.0
														

TOTAL NUMBER OF OBSERVATIONS

C

SURFACE WINDS

TOTAL NUMBER OF OBSERVATIONS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

202 STATION	поион	LULU IA	P HI STATIO	N NAME			<u> 70-</u>	79		EARS	- 		<u>J</u>	UN
		_				ALL WE	ATHER							-2303 IS (L.S.T.)
		_				CON	PITION				_			
	SPEED (KNTS) DIR.	1 · 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
	N		. 3	• 7						<u> </u>	<u> </u>		1.0	7.8
	NNE		. 1	• 9	.7								1.6	9.8
	NE	. 1	1.2	2.2	14.3	1.4	.1						25.5	13.7
	ENE	.2	4.2	21.9	29.5	2.2				i			58.1	11.0
	E	.)	1.2	4.4	2.4	• 3							8.5	9.7
	ESE			. 3	• 3								• 7	11.3
	SE		. 4	.1				i			1		• 5	5.6
	SSE			. 3									• 3	8.7
	\$	2	•.3										6	3.8
	SSW	. 2	1	3									• 6	7.2
	SW													
	WSW		. 3		I								• 3	5.3
	W		1.0		l								• 1	5.0
	WNW			. 3									• 3	7.3
	NW		. 2	• 6		ļ		L					- 8	6.7
	NNW	.2	• 2	<u> </u>	<u> </u>	L	<u> </u>			L	<u> </u>		• 4	4.3
	VARBL	L	L		<u></u>									<u> </u>
	CALM	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	• ?	
		II .		1					1	1			ı	I

SURFACE WINDS

TOTAL NUMBER OF OBSERVATIONS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

22523	HONOL	ULU IA	P HI				79-	79						UN
STATION			STATIO	N NAME					Y	EARS			M	ONTH
		_				ALL WE						•	A	LL
		· · · · · · · · · · · · · · · · · · ·				CL	ASS						HOUR	S (L.S.T.)
						CON	DITION							
		_												
r														
Í	SPEED (KNTS)	1.3	4.4	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN
Ì	DIR.				" "			20 - 00	34.44	41 - 4			~	SPEED
ľ	N	• 2	9	5	• 1	0							1.6	6.3
[NNE	. 1	. 4	. 9	1.1	• 3							2.5	10.3
[NE	.1	1.3	5.6	13.6	4.1	. 1						24.8	12.8
	ENE	• 1	2.4	13.3	27.4	7.2	• 3						50.8	12.5
(E	• 1	1.0	3.4	4.8	1.1	. 0						16.5	11.4
[ESE	_ • n	• 3	. 4	• 3								• 9	8.8
[SE		. ?	• 3	• 5	.3							1.0	10.0
	SSE		. 1	• 5	. 4	.0			l				1.0	9.9
[\$. 1	. 2	• 6	.2					L			1.1	8.3
į	55W_	.1	<u>• 1</u>	- 4	.1						<u> </u>		.8.	8.0
<u>l</u>	SW	. 5	-1	.2	-1								• 3	8.7
1	WSW	• [1	• 1	.2	.1	. n	<u> </u>						.4	8.8
]	w		2				<u> </u>		<u> </u>				• 4	6.7
į.	WNW	- 1	3_	. 2	<u> </u>	<u> </u>		<u> </u>	<u> </u>	<u> </u>			.6	5.2
l.	NW	1	1.5	-2	 			 	<u> </u>	<u> </u>			1.4	5.1
1	NNW	• ?	• 9	.1	ļ	<u> </u>	 	<u> </u>		<u> </u>			1.2	4.7
ļ	VARBL		Ļ	Ļ,	Ļ,	Ļ	L		Ļ,	Ļ				<u> </u>
1	CALM	><	><		><	><	><			><	><	><	•7	
ľ					4.0.7									
· ·		1.3	9.5	<u> </u>	48.7		4					<u></u>	100.0	<u> </u>

SURFACE WINDS

TOTAL NUMBER OF OBSERVATIONS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

	HONOL	ULU IA	P_HI_				73-	79					J	UL
ON			STATIO	N NAME					Y	KARS			м	ONTH
		_				ALL WE	ATHER						<u> </u>	-0200
						CL	.A85						HOUR	IS (L.S.T.)
						CON	DITION							
	SPEED (KNTS) DIR.	1 - 3	4 · 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 • 40	41 - 47	48 - 55	≥54	*	MEAN WIND SPEED
	N		. 9	. 3									1.2	6.1
	NNE		• 2	1.8	. 4								2.5	9.2
	NE	. 1	2.3	9.5	10.9	1.3							23.7	10.8
П	ENE		4.3	25.1	28.0	1.6	. 1						58.7	10.8
	E		1.1	5.4	3.8	. 5							10.9	10.3
Γ	ESE		• 3	.1									• 4	5.8
Г	SE				1								•1	15.0
Г	SSE													
Г	5													
Γ	SSW													
Г	SW													
	WSW													
	W								I					
	WNW		- 4										. 4	5.5
E	NW	. 1	8.										• 9	5.1
Г	NNW	.1	. 8	• 2_									1.1	5 • 8
	YARBL													
	CALM		> <	$\supset <$	$\supset <$	><	><	> <	$\supset <$	\boxtimes	$\supset <$	$\supset <$	• 2	
Г													100 0	40.5

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

HONO!	LULU TA	PHI	NAME			70-	79		EARS				UL
					ALL WE	ATUED						a300.	-0500
	_					ASS							S (L.S.T.)
													. ,
	_				CONI	DITION							
	_												
SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 · 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	, 1	1.4	. 4									1.9	5.7
NNE	.2	1.3	1.4	. 4)							3.4	7.4
NE	. 3	2.6	10.4	8.3	1.8							22.6	10.0
ENE		4.5	28.7	23.1	1.7	• 1						58.2	10.4
E	.1	• 8	3.5	3.0								7.4	9.8
ESE		• 1		•1								• 2	9.5
SE				1									
SSE													
\$									<u> </u>				
SSW													
SW	1									1			
WSW													
W	1	- 1						1		1		• 2	4.0
WNW		. 9	.1					i		1		1.1	4.7
NW	1	1.6	· u									2.2	5.7
NNW	.2	1.3	-	1								1.5	4.6
VARBL	1									1			1
CALM	$\supset \subset$	\boxtimes	\times	\times	>	>	> <	>	\supset	\supset	> <	1.3	
	1 , ,	1// 5	05 1	34.9	2.8	.1			3		2	190.0	9.7

TOTAL NUMBER OF OBSERVATIONS 930

USAFETAC $_{\rm JUL~64}^{\rm FORM}$ 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SURFACE WINDS

TOTAL NUMBER OF OBSERVATIONS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

2521	ноиоп	ULU IA	P HI STATIO	NAME			70-	79	-	EARS				UL
						ALL WE	ATHER							-0800 s (L.S.T.)
						CON	PITION							
	SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	40 - 55	≥56	*	MEAN WIND SPEED
•	N	.1	• 5	. 4	• 1								1.3	6.3
	NNE	. 3	1.1	1.3	• 5								3.2	7.0
	NE	• 5	2.7	10.0	9.7	. 8							23.7	10.3
	ENE	• 3	3.5	22.7	26.0	1.5	• 1						54.2	10.9
	E		1.4	5.4	3.4	.4							10.6	10.2
	ESE			• 5								i	• 5	8.6
	SE		• 1										•1	5.0
	SSE			.1									•1	10.0
	\$		• 1										• 1	4.0
	SSW					<u> </u>								
	SW		• 1										•1	4.0
	WSW													
	w	• 2	• 1										• 3	3.2
	WNW		• 6										• 5	5.3
	NW	• 2	1.8	•2									2.2	4.9
	NNW		1.2	•6	1								1.8	5.7
	VARBL				1	1					1			
	CALM		> <	> <	$\overline{}$	$\supset <$	$\supset <$	$\supset <$	$\supset <$	$\supset <$	$\supset <$	$\supset \subset$	1.1	
			_	_							-			

SURFACE WINDS

TOTAL NUMBER OF OBSERVATIONS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

22521 STATION	HONOL	ULU IAI	P HI STATION	NAME			70-	79	Y	KARS			<u>J</u>	UL
						ALL WE	ATHER			<u></u>	—			-1100 s (L.S.T.)
						CON	DITION							
	SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 · 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
[N	. 1	. 1.		1								• 3	7.0
[NNE		• 1	• 4	1.3								1.8	11.8
[NE			2.9	13.7	6 • D	• 3						22.9	14.6
į.	ENE	• 1	80	6.2	33,5	12.7	• 3						53.7	14.2
Ĺ	E		• 2	3.5	9.5	2.5	. 1						15.8	13.4
Į.	ESE	•2	• 1	1.1	.4								1.8	8.4
Į	SE		• 2	• 3	• 8					<u> </u>			1.3	10.5
].	\$\$E		• 1	• 5									•6	8.3
i.	\$. 8	• 1					l			•9	8.8
į	SSW			. 2					L		<u> </u>		• 2	7.5
Ĺ	SW			.2									•2	8.0
1	W\$W		. 1			<u> </u>							• 1	5.0
Ļ	w	<u> </u>			<u> </u>								<u> </u>	<u> </u>
į.	WNW												ļ	
1	NW				<u> </u>			 _	<u> </u>				 -	<u> </u>
į	NNW				<u> </u>	<u> </u>		L	L		<u> </u>	<u> </u>	• 3	5.0
l l	VARBL			Ļ	Ļ	L	Ļ,		Ļ,	Ļ	<u></u>	<u></u>		ļ
Į	CALM	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	><	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$		
		- 5	1.8	16.3	59.4	21.2	8						100.0	13.8

SURFACE WINDS

TOTAL NUMBER OF OBSERVATIONS

930

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

22521	номог	ULU IA	P HI				70-	79						UL
STATION			STATIO	N NAME					Y	EARS			M	TONTH
						ALL WE	ATHER						<u>1200</u>	-1400
						CI	LASS						HOUR	ts (L.S.T.)
		_				CON	DITION				_			
1						······	,			,				
	SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
	N				• 3								• 3	12.7
	NNE			• 2	2.5	- 4							3.1	14.6
	NE	II	•1	1.4	16.5	13.E	• 5						31.5	15.8
	ENE		• 1	1.5	28.G	17.8	1.8						49.2	15.9
	E			• 5	6.8	2.9	• 5						10.8	15.1
	ESE		• 1	• 2	• 4								•8	11.3
	SE			3	1.6	• 1							2.0	13.5
	388	• 1		• 2	. 8								1.1	11.5
	\$			• 1	• 3		T						• 4	10.8
	SSW		• 1	• 5									• 6	8.0
	SW				• 1								• 1	12.G
	WSW									L				
	w													
	WNW		L				L							
	NW													
	NNW													
	VARBL													
	CALM	$\triangleright <$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq <$	$\geq \leq$	\geq	$\geq \leq$	\boxtimes	\searrow		
		.1	. 4	5.1	57.2	34.3	2.9						100.0	15.6

SURFACE WINDS

TOTAL NUMBER OF OBSERVATIONS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

_ 1	GNOL	ULU IA	<u> P HI</u>				7(1-	79						UL
	ALL WEATHER													IONTH
						ALL WE	ATHER							-1700
		-	-			CL	ASS				-		HOUR	IS (L.S.T.)
		_				CON	DITION							
														
(K	PEED NTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
	N		• 1	• 2	.3								. 6	10.5
	INE			• 3	1.9	٤.							2.9	14.7
	NE			• 5	16.3	12.4	• 5						29.7	16.1
	NE			1.8	29.3	23.6	1.2						55.9	16.1
	2			, u	4.2	3•2	• 1						8.0	15.5
	ESE			• 2	•2								. 4	11.8
	SE		• 1		. 4								• 5	12.0
	SSE				• 3								• 3	14.3
	S			. 3									• 3	8.7
	sw			. 2	• 1								• 3	8.7
-	sw			• 2	.1								• 3	9.3
	vsw			• 1									1	10.0
	w		• 1										• 1	6.0
W	WN			• 1									. 1	8.0
	W		. 1						l				• 1	4.0
N	NW			1				L					• 1	9.0
٧,	ARBL													
C	ALM	> <	$\supset \subset$					> <			\times	\times	•1	

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

22521 STATION	HONOL	ULU IA	P HI	JUL MONTH												
						A. 1 115	ATUED						1800-2000			
		_				ALL VE	ASS							HOURS (L.S.T.)		
														• •		
		-		CONDITION												
_																
	SPEED (KNTS) DIR.	1 - 3	4 · 6	7 - 10	11 - 16	17 - 21	22 · 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED		
	N			, 1	• 1								• 2	10.0		
[NNE		• 2	• 5	. 8	• 1.							1.6	19.5		
[NE		• 3	3.8	16.8	4.5	• 1						25.6	13.6		
ĺ	ENE		• 1	7.3	43.2	11.2	- 1						61.9	13.8		
[ŧ			2.0	5.8	ò							8 • 7	12.9		
[ESE			• 1									·i	9.0		
[SE				• 1								• 1	11.0		
	SSE				• 1								• 1	12.0		
ĺ	S			• ?									• 2	7.5		
[SSW_	• 2	• 3										• 4	4.3		
	sw			• 2									• 2	8.0		
[WSW			•2									• 2	7.0		
	W															
[WNW															
	NW			• 2									• 2	7.5		
I	NNW		• 2										• 2	5.0		
[VARBL															
Ţ	CALM	\boxtimes	\geq	\geq	\geq	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	\times	\times	•1			
ſ				i			1	1						1		

TOTAL NUMBER OF OBSERVATIONS 929

C

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

2521 STATION	HONOL	ULU IA	HI STATION	NAME			70-	79		EARS			JUL MONTH		
						ALL WE	ATHER						2100	-2300_	
							ASS				 -		HOURS (L.S.T.)		
		-		CONDITION											
	SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 · 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED	
1	N		5_	• 3									• 9	6.4	
[NNE		• 1	1.8	. 3								1.4	9.8	
[NE		• 3.	6.1	12.4	1.4							20.2	12.1	
Ţ	ENE	.2	2.2	18.3	41.6	3.4	• 1	• 1					65.9	11.9	
Ţ	E		• 3	4.7	4.4	- 4							9.9	10.8	
ſ	ESE														
[SE			• 2									• 2	9.0	
ĺ	SSE		• 2										• 2	5.5	
[\$. 1	• 1										• 2	4.5	
[SSW														
[SW														
į	WSW													L	
i	W	<u> </u>					<u> </u>							<u> </u>	
1	WNW		1					L	L	<u> </u>				6.0	
ì	NW		-1	. 3	<u> </u>	<u> </u>	<u> </u>		<u> </u>	<u> </u>			• 4	7.5	
į	NNW	<u> </u>	.?	 			L		<u> </u>	<u> </u>			. 2	5.0	
ì	VARBL	L			L	Ļ,	L	ļ,	<u></u>	Ĺ			ļ		
	CALM	$\geq \leq$	><	><	$\geq \leq$	$\geq \leq$	$\geq \leq$	><	$\geq \leq$	$\geq \leq$	><	$>\!\!<$	• 3		
		3	4.2	31.0	58.7	5.3	1	.1					100.0	11.6	

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

22521 STATION	HONOLULU IA	P HI	 		JUL				
STATION		STATION NAME			Y	ARS		M	ONTH
			 ALL WE	ATHER_	 			A	LL
	_			ASS	 			HOUR	S (L.S.T.)
	_		 CON	DITION	 				
_	· · · · · · · · · · · · · · · · · · ·		 		 		 		

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	• •	• 5	• 2	. 1								. 8	6.9
NNE	• 1	. 4	• 9	1.0	• 2				I			2.5	10.6
NE	• 1	1.0	5.6	13.0	5.0	• 2						25•ũ	13.2
ENE	• 1	1.9	14.0	31.6	9.2	• 5	• 0					57.2	12.9
8	• 0	• 5	3.2	5,1	1.4	• 1						10.3	12.3
ESE	•	. 1	• 3	• 1								• 5	9.1
SE		• 1	• 1	. 4	.3							• 6	12.0
SSE	. 6	• 0	• 1	• 1								• 3	10.5
5	• 17	• 0	• 2	•1								• 3	8.4
SSW	• C	• 1	• 1	• 13		Ĺ						• 2	7.1
SW			•1	.0								• 1	8.4
WSW		្ន	• 5									• 1	7.3
W	. 6	• Ω										• 1	4.0
WNW	η,	• 3	.0					L				• 3	5.2
NW	n	• 6	•1			Ĺ						• 7	5.5
NNW	. 1	• 5	• 1									• 7	5.4
VARBL									I				
CALM	$\geq \leq$	$\ge $	$\geq \leq$	$\geq <$	$\geq \leq$	$\geq \leq$	\boxtimes	\geq	$\geq \leq$	$\geq \leq$	$\geq \leq$	• 4	
	5	5.8	25.1	51.6	15.8	. 8	.0					190.0	12.6

TOTAL NUMBER OF OBSERVATIONS

7437

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

TION	HONOL	ULU IA	PHI 70-79 STATION NAME YEARS										A	AUS MONTH				
				•		ALL WE	ATHER						0000	0000-0200				
		_				CL	ASS							ts (L.s.:				
		-	CONDITION															
	SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEA WIN SPEI				
	N	. 1	1.1	• 4									1.5	_5.				
	NNE	• ;	1.2	1.4	•2								2.9	_6.				
[NE	• 3	2.6	9.9	9.2	• 3							22.4	10.				
	ENE		4.4	25.4	26.2	1.2							57.2	10.				
[E		1.9	4.7	2.9	• 3							9.9	9.				
	ESE		• 1										•1	6.				
	SE													I				
	\$SE																	
	5																	
L	SSW		• 1										• 1	5.				
	SW		• 1										• 1	4.				
L	WSW		• 1										• 1	4.				
Į.	W		• 2		<u> </u>			<u> </u>			<u> </u>		• 2	4.				
Ļ	WNW	1	•6	1			<u> </u>	<u> </u>				<u> </u>	• 9	4.				
- 1	NW	.1	1.2	-1	ļ				L		L		1.4	4.				
Ļ	NNW	<u> </u>	2.3	• 5	<u> </u>			<u> </u>					2.8	5.				
l.	VARBL	ا		L					L		<u></u>	L	<u> </u>					
Į	CALM	$\geq \leq$	$>\!\!<$	$\geq \leq$	><	$\geq \leq$	><	$\geq \leq$	$\geq \leq$	><	$\geq \leq$	><	•4	<u> </u>				
Ī		8	15.8	42.6	38.6	1.8				1			100.0	9.				

SURFACE WINDS

TOTAL NUMBER OF OBSERVATIONS

930

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

22521	HONOL	ULU IA	PHI		70-79									AUG		
STATION			STATIO	NAME					Y	EARS			MONTH			
				ALL WEATHER												
		_				CI	.ASS							-0500 s (L.s.T.)		
		_				CON	DITION									
						,			,			,				
	SPEED (KNTS) DIR,	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	46 - 55	≥56	*	MEAN WIND SPEED		
,								ļ	 				7 (
- }	N	- 5	2.5	.9				 	ļ	<u> </u>	ļ		3.4	5.3		
ļ	NNE	• 1	1.3	. 9	.4			ļ					2.4	7.2		
1	NE	• 2	3.7	11.9	7.5	.2		ļ	ļ				23.7	9.5		
	ENE	• 2	4.6	24.5	18.6	•6		<u> </u>	 _	ļ			48.6	9.9		
	E	•1	1.7	4.7	1.9	• 1	<u> </u>	<u> </u>	L	 _	<u> </u>		8.5	8.8		
	ESE		• 3	•2	<u> </u>			L		<u> </u>			•5	6.8		
	SE		• 2	• 1	L	<u> </u>			L	<u> </u>	<u> </u>		• 3	5.0		
į	SSE	• 1					<u> </u>			<u> </u>		L	.1	3.0		
Į.	\$		<u></u>		<u> </u>	<u> </u>	<u> </u>		<u> </u>							
	SSW				L				L	<u></u>	L					
	sw	il					l									
	WSW															
i	w)_										- 1	6.0		
	WNW	. 1	1.5	• 1									1.7	5.3		
i	NW	•6	2.7	3									3.7	4.8		
	NNW	• 5	3.3	.9									4.7	5.1		
	YARBL				Ī ———											
Ì	CALM	$\supset <$	> <	><	\boxtimes	$\supset <$	$\supset \subset$	$\supset <$	$\supset <$	$\supset <$	$\supset <$		2.2			
3							1	1								

()

HONOLULU TAP HT

SURFACE WINDS

TOTAL NUMBER OF OBSERVATIONS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

					ALL WE	ATHER							RS (L.S.T.)
	-				CON	DITION							
SPEED (KNTS) DIR.	1 - 3	4+6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 · 55	≥56	*	MEAN WIND SPEED
N	. 4	2.5	• 3									3.2	5.0
NNE	. 4	• 6	1.1	. 4								2.5	7.2
NE	1	2.6	9.7	8.4	• 3							21.1	9.9
ENE	, 5	4.3	21.1	21.7	1.3							49.4	10.4
Ł	. 5	1.9	4.7	2.9	• 6							10.8	9.4
ESE		• 1	• 2									3	7.3
SE		• 3										• 3	5.7
SSE		• 2	• 2									• 4	6.8
S		.2				[• 2	5.0
SSW		• 1	• 1	· · · · · · · · · · · · · · · · · · ·								•2	7.0
SW												T	
WSW		• 3			I							• 3	4.7
w		• 2	• 1									• 3	5.3
WNW	. 4	2.2	• 5									3.1	5.3
NW	. 4	2.2	. 4				l					3.0	4.8
NNW	. 4	2.4	. 3									3.1	4.7
VARBL												1	

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

22521	HONOLULU IAP HI			AUG
STATION	STATION NAME		YEARS	MONTH
		ALL WEATHER		0900-1100
		CLASS		HOURS (L.S.T.)
	<u> </u>	CONDITION		

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	40 - 55	≥54	*	MEAN WIND SPEED
N	. 1		• 3	. 1								• 5	8.2
NNE		• 1	8•	1.2	• 1							2.2	11.4
NE		• 3	2.2	16.6	5•?							24.2	14.0
ENE		1.0	6.1	32.9	8.3	• 5						48.8	13.8
E		• 5	4.6	7.0	1.4	• 1						13.7	12.0
ESE		. 4	• 6	.4							<u> </u>	1.5	9.0
SE	.)	. 4	. 9	•9								2.3	9.5
SSE		• 4	1.6	• 5								2.6	8.4
\$		• 3	1.5	• 2								2.0	8.2
SSW	. 1	• 3	6	• 3								1.2	7.3
SW		. 1	• 3									.4	7.3
WSW													
w		. 1								1		, i	6.0
WNW	.1											. 1	3.0
NW		. 1	• 1									• 2	5.5
МИМ			• 1				1					. 1	9.0
YARBL							 	<u> </u>				, , ,	
CALM	\times	$>\!\!<$	\times	\times	\times	\times	\geq	\times	>	\times	\times	•1	
	4	4.2	19.8	59.9	14.9	. 5]		100.0	12.9

TOTAL NUMBER OF OBSERVATIONS 930

WSW

NW NNW

CALM

HONOLULU IAP HI

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

79-79

					C	ATHER LASS							+1400 RS (L.S.T.)
SPEED (KNTS) DIR.	1 - 3	4 · 6	7 - 10	11 - 16	17 - 21	22 · 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	×	MEAN WIND SPEED
N		• 1	• 3	• 2								.6	9.7
NNE		• 1	_ • 3	2.2								2.6	12.6
NE			• 6	16.1	10.5	• 5			1			28.0	15.7
ENE	• 1		2.6	26.9	15.8	.8						46.1	15.5
E			1.1	7.8	2.7							11.6	14.5
ESE			• 3	• 3	• 1							• 8	11.9
SE			. 4	2.4	• 5							3.3	13.5
SSE		• 1	• 5	1.6	•1							2.4	12.1
\$. 1	1.5	1.0								2.5	9.8
SSW			1.0	• 3								1.3	9.1
ew			2	7			1					. 5	10.4

TOTAL NUMBER OF OBSERVATIONS 930

UpAF ;TAC FORM 0-8-5 (OL-A) Previous editions of this form are obsolete

> SSW SW WSW WNW WNW

C

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

24367	HUNUL	ULU IA	r ni					17						00
STATION			STATIO	N NAME					Y	KARS			M	ONTH
						ALL WE	ATHER						1500	-1700
		_					.ABB						HOUR	S (L.S.T.)
		_				CON	DITION							
														
	SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 · 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
<u> </u>	N .		 		 	 	ļ	 		 	 			11.6
ļ	N	ļ		• 1	.5	• 1	ļ						. 9	11.6
<u> </u>	NNE		• 1	• 4	2.3	•5		<u> </u>	ļ	<u> </u>	ļ		3.3	13.6
L	NE		1 . 3	• 6	17.2	11.1	.1	t	l	t	l		29.1	15.6
	ENE			1.2	27.8	18.8	. 6			,			48.5	15.9
	ŧ			_ • 6	5.8	2.3	•1						8.6	14.9
	ESE				• 2								• 2	11.5
[SE		. 1	• 4	1.0	. 1							1.5	12.8
	SSE		• 1	. 9	. 8	2							1.9	11.4

TOTAL NUMBER OF OBSERVATIONS 930

SURFACE WINDS

TOTAL NUMBER OF OBSERVATIONS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

TION	HONOL	ULU IA	P_H1					7.9					A	ONTH
TION			STATION	NAME					Y	KARS				
		_				ALL WE	ATHER							<u>-2000</u>
						CL	ASS						HOUR	s (L.S.T.)
						CON	DITION							
										,				
_														
	SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥54	%	MEAN WIND SPEED
	N		• 2	• 5	• 5								1.3	9.5
ſ	NNE		• 1	1.5	1.8	. 3							3.5	11.2
[NE		• 3	3.5	19.6	4.3							27.7	13.7
- [ENE			7.8	39.2	6.7	.1			I			53.9	13.4
	E		. 8	2.5	4.2	. 4							7.8	11.3
	ESE		• 1	.4	• 1								• 6	8.0
Į	SE		.1	. 9	• 2								1.2	8.7
-{	SSE		. 2	• 3									• 5	7.2
	5		• 9	• 2									1.1	5.3
[SSW	• 1	. 2	• 2									• 5	5.6
	SW		. 2	• 2				L					• 4	6.0
	WSW		• 2	• 1					L	<u> </u>			.3	6.0
	W		• 3	• 1									. 4	6.0
[WNW													
[NW			.1						<u> </u>			. 1	8.0
	NNW		• 3	• 3									. 4	7.5
	VARBL													
	CALM	$\geq \leq$	$\geq \leq$	$\geq \!$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	\times		
- [1	7.0	10.0	65.7	11.5	1						100.0	12.8

SURFACE WINDS

TOTAL NUMBER OF OBSERVATIONS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

22521 STATION	HONOL	ULU IA	P HI STATIO	NAME			70-	79		EARS			- <u>- A</u>	UG IONTH
31211011						ALL WE	ATUED							-2300
						CI.	-ABS							# (L.S.T.)
						CON	DITION				_			
		_					·							
	SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 · 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
	N		. 8	• 5	.2								1.5	6.9
	NNE		• 5	1.5	• 5								2.0	8.5
	NE		1.8	8.6	14.8	1.2	• 1						26.6	11.3
	ENE	• 2	2.5	18.5	31.6	2.6							55.5	11.3
	E	• 1	1.0	6.0	3.3	•1							10.5	9.7
	ESE		• 3	_ •1	1								• 5	6.8
	SE	. 1		• 2									• 3	6.3
	SSE	. 1	• 2										• 3	4.3
	\$							1			}			
	SSW		• 1										• 1	4.0
	SW													
	WSW		• 1										• 1	5.0
	w													
	WNW		.1	.1									• 2	5.5
	NW	.2	. 4	_ 5									1.2	6.1
	NNW		• 6	• 1									• 8	6.0
	VARBL													
	CALM	> <	> <	\boxtimes	$\supset <$	\boxtimes	\geq	\geq	$\supset <$	\boxtimes	$\supset <$	\times	• 3	
		۰	0.6	75 7	50 4	7 0							100.0	30.0

HONOLULU IAP HI

SURFACE WINDS

TOTAL NUMBER OF OBSERVATIONS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

70-79

		···			CON	DITION						
	_						 _			_		
SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥54	*
7	. 1	• 8	• 4	• 2	.0							1.
NNE	. 1	• 5	. 9	1.1	• 1							2.
NE	• 1	1.4	5.9	13.7	4.2	• 1						25.
ENE	. 1	2.1	13.5	28.1	6.9	_ 3_						51.
E	1	1.0	3.6	4.5	1.0	• B						10.
ESE		• 2	• 2	• 1	• 5				<u> </u>			• (
SE	. 3	• 1	. 4	• 6	• 1							1.
SSE	. 8	• 2	. 4	. 4	.0							1.
\$		• 2	.6	• 2								1.1
SSW	. 3	. 1	• 3	• 1					<u> </u>	<u> </u>		
sw		. 1	• 2	0.0								
WSW		• 1	. 1						<u> </u>	<u> </u>		
w			• 2									
WNW		6_	-1				<u> </u>	L				
NW	•2	. 8	• 2	.0					L			1.
NNW	• 1	1.1	. 3					L				1.
VARBL				Ļ		Ĺ,	Ļ		L			
CALM	><	$>\!\!<$	$\geq \leq$	><	$>\!\!<$	$>\!\!<$	$\geq \leq$	$\geq \leq$	$\geq \leq$	><	$>\!\!<$	•
	1.0	0 /	27.7	400	12.3	4						100.5

NNW

VARBL

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

					ALL WE	ATHER							-0200 is (L.S.T.)
	 				CON	DITION							
SPEED (XNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	. 9	1.9	• 2	•1								3.1	4.9
NNE		2.1	1.3	• 2								3.7	6.5
NE	• 1	2.9	10.0	7.6	• 4							21.3	9.7
ENE	• 3	6.7	24.8	14.2	1.1							47.1	9.5
8	• 4	2.1	4.1	2.1	•1	1						8.9	8.5
ESE		• 1	. 2									• 3	7.7
SE		• 1	1									• 2	7.0
SSE	• 1	• 1										• 2	3.5
S		. 1	. 4									6	8.4
SSW			• 1	Ī								• 1	8.0
sw												.1	5.8
WSW		. 1										•1	4.0
w	• 2	_ •2										• 4	3.5
WNW	. 4	1.2	. 2									1.9	4.7
NW	. 3	3.9	. 7	1				1	1			4.9	5.0

TOTAL NUMBER OF OBSERVATIONS

5.3

2.3

SURFACE WINDS

TOTAL NUMBER OF OBSERVATIONS

899

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

22521	HONOL	ULU IA	P HI				70-	79					s	<u> ΕΡ</u>
STATION			STATIO	N NAME					Υ	EARS			M	HTHO
						ALL WE	ATHER_						0300	-0500
						CI	.ASS		· -				HOUR	S (L.S.T.)
		_												
						CON	DITION							
		_												
							·							
	SPEED (KNTS)	1.3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 · 55	≥56	*	MEAN WIND
	DIR.	'''	4.0	/	11.10	"' - 2'	22.27	20.33	34.40	41 · 4/	46 . 33	230	_	SPEED
	N	1.5	2.4	. 4									3.9	4.8
]	NNE	. 6	1.9	1.3	. 8								4.6	6.8
ĺ	NE	• 2	5.1	10.3	4.8	•1							20.6	8.6
	ENE	• 5	7.2	21.2	13.6	• 3							39.9	8.9
	E	•2	1.7	2.6	• 9								5.3	7.8
	ESE	. 1	• 4	• 2									• 8	5.7
ĺ	SE		1	.1									• ?	5.8
[SSE			. 1									•1	10.0
	S		• 2										• 2	5.5
	SSW		• 1	. 2									• 3	7.3
	sw		• 1										•1	4.5
į	WSW	• 1	• 2	L		L							• 3	4.7
	w		8	-1			<u> </u>	<u> </u>					1.0	4.8
	WNW	.7	3.4	- 4			<u> </u>	<u> </u>					4.6	4.9
	NW	2.0	6.8	. 9									8.9	4.6
	NNW	. 7	5.1	. 8	L	<u> </u>		<u> </u>					6.6	4.9
	VARBL						<u> </u>							
	CALM	><	><	><	$>\!\!<$	$>\!\!<$	><	$\geq \leq$	><	><	><	>>	2.6	İ
		4.2	7/1.0	70.0	17.0	. //							100.0	7.4

C

C

SURFACE WINDS

TOTAL NUMBER OF OBSERVATIONS

900

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

HON	<u>ULULU IA</u>	(P HI				/ (!	<u> 19</u>						. P
HONG		STATIO	N NAME					Y	EARS			M	ONTH
					ALL WE	ATHER						9600	-0800
					cu	ASS						HOUR	s (L.S.T.)
	-												
					CON	PITION							
	_								·				
													
SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.3	3.9	• 9									5.8	5.0
NNE	• 2	1.6	1.3	• 2								3 • 3	6.8
NE	• 7	3.3	8.0	6.3	• 2							18.2	9.3
ENE	. 7	6.7	19.1	13.2	8							40.4	9.5
E		1.8	3.8	2.1								7.7	8.6
ESE		• 4										• 4	4.8
SE	.2						l					• 2	2.5
SSE													
\$													
SSW			• 1									• 1	7.0
SW	1			L								• 1	3.11
WSW		• 2										• 2	4.5
W	. 2	• 7										.9	4.5
WNW	. 8	2.7	• 1				Ĭ					3.6	4.5
NW	1.7	5.7	. 4									7.8	4.5
NNW	1.0	5.2	1.0									7.2	5 • B
VARBL							l	L					
CALM		$\supset <$	$\geq <$	><	><	$\geq <$	$\geq <$	$\geq \leq$	$\geq <$	><	><	4.0	
	6.6	31.8	34.2	21.9	1.0							100-0	7.7

SURFACE WINDS

TOTAL NUMBER OF OBSERVATIONS

900

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

2521	HONOL	ULU IA	P HI				70-	79					S	EP
STATION			STATION	NAME					Y	EARS	_		M	ONTH
					_	ALL HE	ATHER						0900	-1100
							.ASS							S (L.S.T.)
		•					DITION							
,		,	, 	·				,						,
	SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
	N		• 1	• 2	. 2								• 6	8.6
	NNE	• 1	• 3	• 9	. 4								1.8	8.5
Ī	NE		• 2	3.7	12.3	1.9							18.1	13.1
ſ	ENE	• 3	• 8	9.2	27.2	3.9							41.4	12.7
]	E	• 3	1.3	5.4	8.0	1.1					T		16.2	11.2
Ī	ESE	•2	•6	2.6	•6								3.9	8.2
Ī	SE		• 8	1.6	1.4								3.8	9.4
ſ	SSE	• 2	1.1	2.7	.7								4.7	8.3
Ī	\$	• 2	1.1	2.3	•2								3.9	7.3
- [SSW	. 1	1.1	1.0									2.2	6.5
I	SW		• 6	• 8	• 1								1.4	7.3
	WSW	• 1	. • 2	• 1									• 4	5.5
[w		. 2	• 1									• 3	6.3
ĺ	WNW	•2	• 2	• 2				I					•6	4.8
	NW		• 1										•1	5.0
	NNW	• 1	_ • 1	• 2									. 4	6.0
Ī	VARBL													
	CALM	\boxtimes	$\geq \leq$	$\ge $	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	\boxtimes	$\geq \leq$	• 1	
[2.0	0 0	70.0	E1 2	6 0			1				100.0	11.7

FORM A R & (A) All annual and annual and annual and annual

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

22521	HONOL	LULU IA	P HI				70-	79					s	EP
STATION			STATIO	NAME					Y	EARS			м	ONTH
		_				ALL WE	ATHER				_		1200	-1400
		_				CI	.A88							\$ (L.S.T.)
		_												
						CON	DITION							
		_												
					_									
1		п				,	т	,		r				
	SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
	N			. 4	. 4	• 1							1.0	12.0
	NNE			1.2	2.2	• ?							3.7	12.5
	NE		• 2	1.6	14.6	5.6	_ • 2						22.1	14.7
Ì	ENE		• 3	3.0	26.0	11.6	• 4						41.3	14.9
	E		_ 1	2.1	6.4	1.9							10.6	13.3
	ESE			.7	.8								1.4	10.7
	SE		• 1	• 6	3.7	.3							4.7	13.4
	SSE		i	2.5	3.2								5.9	11.0
	\$			3.6	1.4	l							5.0	9.9
	SSW		• ?	1.2	• 2								1.7	8.9
	SW			1.1	•6								1.7	10.3
	wsw			• 3	. 2								•6	9.8
-	w			• 1									• 1	10.0
	WNW				L									
'	NW			• 1									• 1	9.0
	NNW	. 1	L	•1									• 2	5.0
	VARBL			L										
	CALM	$\geq \leq$	><	><	$\geq <$	><	$\geq <$	><	\times	$\geq <$	$\supset <$	>>		
		1			r								T	

TOTAL NUMBER OF OBSERVATIONS 900

C

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{

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

22521	HONOLULU IAP HI	70 - 79		SEP
STATION	STATION NAME		YEARS	MONTH
		ALL WEATHER		1500-1700
		CLASS		HOURS (L.S.T.)
		CONDITION		

SPEED (KNTS) DIR.	1-3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N		-1	. 8	•2	.1							1.2	7.9
344	. 1	• 1	. 9	2.9	•5							4.6	13.0
NE	• 2	• 1	1.4	13.7	8.7	. 8						24.2	15.2
ENE	1		2.0	31.7	12.6	• 6						46.9	15.0
C		• 1	1.6	5.4	1.3							8.1	13.2
ESE			• 2	• 2								• 4	10.5
SE		• 3	•8	•8								1.9	9.6
SSE		• 1	1.4	• 7_								2.2	9.7
\$. 7	2.2	. 4								3.3	8.8
SSW		• 1	1.8	• 2			i					2.1	8.5
sw		• 1	1.0	•6_								1.7	9.
WSW		• 3	• 7	•1							i	1.1	7.5
*			• 3	•1					i			• 4	9.3
WNW		• 3	•2	•1			1					• 7	7.7
NW		• i	•1	•2								.4	9.0
NNW		• 2	•3		i					1		• 5	7.4
VARBL							<u> </u>			<u> </u>			
CALM	\times	\times	\times	\times	>>	\times	\times	\times	\geq	\times	\times	• 1	
	. 4	2 . 8	15.8	57.3	22.2	1.3						100.0	13.8

TOTAL NUMBER OF OBSERVATIONS 900

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

22521	HONOLULU TAP HI	79-79		SEP
STATION	STATION NAME		YEARS	монтн
		ALL WEATHER		1800-2000
		CLASS		HOURS (L.S.T.)
		CONDITION		

SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 · 27	28 - 33	34 - 40	41 - 47	48 - 55	≥54	*	MEAN WIND SPEED
N		• 9	.7_	- 1								1.7	6.7
NNE		• 6	1.3	1.1								3.0	9.8
NE	, 2	1.1	4.7	15.6	2.3	1						24.3	12.4
ENE	• 1	2.5	13.8	32.6	4 . C							53•D	12.2
E	. 1	. 8	3.4	4.3	• 2							8.9	10.5
ESE	·i	• 2	_ 3_	• 3								1.8	8.8
SE			.2	• 1								• 3	10.7
SSE	. 1	• 1	•1	-1								•4	6.3
\$. 2	• 9	-8									1.9	5,9
SSW	• 1	. 9	• 3								,	1.3	5.7
SW		• 3	- 4									• 8	6.6
WSW		.6	• 3									• 9	€.5
W	• 2											•2	3.0
WNW		.1										• 1	4.0
NW		.2	. 4									67	7.7
NNW		•6	• 7	. 1								1.3	6.7
VARBL													
CALM	\boxtimes	$\geq \leq$	$\geq \leq$	\boxtimes	$\geq \leq$	$\geq \leq$	$\geq \leq$	\boxtimes	$\geq \leq$	$\geq \leq$	$\geq \leq$	• 4	
	1.2	9.8	27.6	54.3	5.6	1						100.0	11.4

TOTAL NUMBER OF OSSERVATIONS 980

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

22521	HONOLULU IAP HI	70-79	SEP
STATION	STATION NAME	YEARS	MONTH
	ALL	WEATHER	2100-2300
		GLASS	HOURS (L.S.T.)
	•	CONDITION	

SPEED (KNTS) DIR.	1.3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	. 4	1.9	2.	.1								2.7	5.0
NNE	. 1	1.0	1.2	• 3								2.7	7.4
NE	• 1	2.8	9.1	9.6	1.1							22.7	10.6
ENE	•8	6.3	23.6	21.6	1.9							54.1	10.1
E	• 3	1.1	5.4	2.8	• 3							10.0	9.3
ESE		• 2	• 1									• 3	6.0
SE			•1									•1	9.D
SSE		• 3	•1	•1								• 6	6.8
5	•2	• 2			l							• 4	4.3
SSW		• 1	• 2									• 3	7.0
sw			• 1									•1	7.0
WSW	• 3	• 3	1							T		•7	3.7
w		. 2			i							•2	5.0
WNW		• 7										• 7	5.5
NW	• 3	• 6	•1									1.0	4.6
NNW	• 3	1.4	• 1						 			1.9	4.6
VARBL		3	<u>`</u>			1							1
CALM	\times	\times	\times	\times	\times	\boxtimes	\boxtimes	\times	\geq	>		1.6	
	3.0	17.2	40.4	34.4	3.3							190.0	9.5

TOTAL NUMBER OF OBSERVATIONS 900

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1

SURFACE WINDS

TOTAL NUMBER OF OBSERVATIONS

7199

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

22521 STATION	HONOL	ULU IA		N NAME		ALL WE	7n-	7.9	Ÿ	EARS			A	EP CONTH LL S (L.S.T.)
						CON	DITION							. (,
	SPEED (KNTS) DIR.	1.3	4 - 6	7 - 10	11 - 16	17 - 21	22 · 27	28 - 33	34 - 40	41 - 47	48 - 55	≥#	*	MEAN WIND SPEED
	N	. 4	1.4	• 5	•2	. (1							2.5	5.9
	NNE		• 9	1.2	1.0	. 1							3.4	9.1.
[NE	• 2	1,9	6.1	19.5	2.5	• 1						21.4	11.8
	ENE	• 4	3.8	14.6	22.1	4.5	• 1				ì		45.5	11.6
	E	.2	1.1	3.6	4.0	•6							9.5	10.6
i	ESE	• 1	• 3	• 5	•2								1.1	8.3
ĺ	SE	0.	• 2	.4	. 8	• 0							1.4	10.8
	SSE	• 1	• ?	.9	• 6								1.8	9.4
j	\$	• 1	, 4	1.2	. ,3								1.9	8.2
	SSW	.0	• 3	• 6	.1								1.0	7.4
	SW		• 2	. 4	• 2								.8	8.5
ļ	WSW	• 1	• 3	• 2	9.								• 5	6.2
	*	. 1	• 3	• 1	• 6						}		.5	5.3
	WNW	. 3	1.3	• 1	.0								1.5	4.9
	NW	.5	2.1	. 3	. 11								3.0	4.8
	NNW	.3	2.1	• 5	. 13				<u> </u>				2.9	5.1
	VARSL													
	CALM	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	\boxtimes	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	1.4	
		2.9	16.5	31.2	40.0	7.7	. 3						100.0	10.4

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

22521	HONOLULU TAP HI	70-79	OCT
STATION	STATION NAME	YEARS	MONTH
		ALL WEATHER	<u>0000-0200</u>
		CLASS	HOURS (L.S.T.)
		CONDITION	

SPEED (KNTS) DIR,	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥54	*	MEAN WIND SPEED
N	1.3	2.9	1.2	• 2								5.3	5.4
NNE	• 2	1.2	1.5	• 3								3.2	7.2
NE	•5	4.3	9.7	6.1	.3							21.0	9.0
ENE	. 4	5.5	18.0	16.8	• 5							41.2	9.9
E	. 1	1.9	3.0	1.4	• 1							6.5	8.6
ESE		• 4	• 2	• 1								• 8	7.1
SE			. 1	• 1								• 2	12.5
SSE			. 1	. 2								• 3	13.0
\$			• 1	• 2							L	• 3	11.3
SSW		9.	. 1		L							• 3	6.7
sw	• 2	• 3	• 2									_ 8	5.3
WSW		-1										• 1	4.0
w	• 2	• 4	. 1	L								_ 8	4.1
WNW	:.1	2.4	. 5									4.0	4.7
NW	1.0	5.2	- 4									7.6	4.8
NNW	• 3	4.1	1.0									5.4	5.4
VARBL													
CALM	><	$>\!\!<$	$\geq \leq$	$\geq \leq$	\geq		$\geq \leq$	$\geq \leq$	$\geq \leq$	\geq	$\geq \leq$	2.3	
	5.1	30.0	36.2	T	1.7							100.0	8.1

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

22521	HONOLULU TAP HI	70-79	OCT
STATION	STATION NAME	YEARS	MONTH
	ALL	WEATHER	0300-0500
		CLASS	HOURS (L.S.T.)
		CONDITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	1.1	3.4	8	• 1								5.4	4.9
NNE	.2	1.5	1.6	• 2								3.5	6.6
NE	• 3	4.6	9.2	5.9	•2							20.3	9.0
ENE	1.1	4.5	17.3	9.7	• 9							33.4	9.3
E	- 4	1.3	2.8	1.4	•2							6.1	8.4
ESE		• 3	• 4	• 1								.9	7.6
SE	• 1	•2	•2									• 5	5.8
SSE			. 1	• 1								2	9.0
\$		-2	• 2	• 4						 	<u> </u>	. 9	9.3
SSW		.2		. 1							<u> </u>	• 3	8.3
sw	•)		•1		i							.2	6.0
WSW	• 2		• 1									. 4	4.3
w	• 2	1.0		.1				<u> </u>	i			1.3	5.3
WNW	• 3	3.0	. •5		i							3.9	5.1
NW	1.3	7.3	1.3									9.5	4.9
NNW	1.2	6.7	•6									8.5	4.7
VARBL			-		 				 	<u> </u>			
CALM	\times	\times	\times	>>	\times	>>	\times	\times	>		>>	4.2	
	6.6	34.4	35.4	18.2	1.3							150.0	7.4

TOTAL NUMBER OF OBSERVATIONS 938

HONOLULU TAP HI

SURFACE WINDS

TOTAL NUMBER OF OBSERVATIONS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

					ALL WE	ATHER						តិខ្មតិ	
					CI	ASS						HOUR	** {
					CON	DITION							
	_								"				
SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 · 27	28 - 33	34 - 40	41 - 47	48 - 55	≥54	*	
N	1.4	3.2	1.0	•1								5.7	Τ
NNE	• 2	1.8	1.7	.4								4.2	L
NE	• 3	3.1	6.1	6.2	- 4							16.2	
ENE	• 6	5.1	15.2	13.7	• 9							35.4	L
E		2.0	4.6	1.5	•1							8.3	
ESE	• 2	• 1	• 3									• 6	L
SE				• 3								• 3	L
SSE			• 1									• 1	L
5				.2								. 2	L
SSW		• 3	• 3	<u> </u>					<u> </u>			•6	L
sw	-1	-1	<u> </u>			<u> </u>						• 2	1
WSW	ļ		<u> </u>			<u> </u>		ļ	<u> </u>				1
W	. 3	1.5		<u> </u>								1.8	Ļ
WNW	6	3.1	5_	ļ	ļ							4.3	1
NW	1.3_	7.0	1.0	ļ								9.2	1
NNW	1.2	6.5	• 5	ļ	<u> </u>	ļ			ļ	ļ		8.2	Ļ
VARBL	Ļ		ļ		Ļ,	Ļ,		Ļ	ļ				Ļ
CALM		\sim	\sim	\sim	\sim	\sim	><	\sim	\sim	\sim		4.5	1

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

22521	HONOLULU IAP HI	70-79		<u>oct</u>
STATION	STATION NAME		YEAR\$	MONTH
		ALL WEATHER		0900-1100
		CLASS		HOURS (L.S.T.)
				, ,
		CONDITION		

SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥54	*	MEAN WIND SPEED
N		•.6	1.0	• 5								2.2	8.7
NNE	.1	• 4	1.6	1.2	• 1							3.4	9.8
NE		• 4	3.8	9.5	2.4	• 1.						16.1	13.0
ENE		• 6	6.₽	23.4	5.6							35.7	13.3
E	.2	1.6	5.1	8.8	1.3							17.0	11.6
ESE	?	1.5	1.5	.9								4.1	7.8
SE	.4	1.3	1.2	2.0								4.9	8.8
358	.1	1.5	2.2	1.2								4.9	8.2
5	. 1	1.3	2.4	• 3								4.1	7.5
SSW		. 4	1.2	. 1								1.7	7.9
SW	. 1	. 8	1.1	.1								2.0	7.4
WSW		• 4	• 2									.6	5.8
w				. 1								• 1	14.0
WNW		. 4	.,						1			• 5	5.6
NW		• 6	• 1						1			_ 8	5.6
NNW		• 2	• 1							i		• 3	5.3
VARBL					 		1	 	1	† 			
CALM	X	\boxtimes	\geq	$\geq \leq$	\geq	> <	\geq	\times	\boxtimes	\boxtimes	> <	1.4	
	1.3	12.3	27.4	48.2	9.4	.1						100.0	11.2

TOTAL NUMBER OF OBSERVATIONS 930

SURFACE WINDS

TOTAL NUMBER OF OBSERVATIONS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

22521	HONOL	ULU TAI	P HI				70-	79	<u> </u>				0	СŢ
STATION			STATIO	NAME					Y	EARS			М	ONTH
						ALL HE	ATHER							-1400
						CI	.A88						HOUR	S (L.S.T.)
									<u></u>					
						CON	DITION							
														
Ī	SPEED				ĺ								l	MEAN
	(KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	WIND SPEED
Ì	·N		• 3	. 5	. 4	•.1							1.4	18.5
[NNE			. 4	2.5	. 4	.1						3.4	14.2
	NE	• 1		2.2	12.0	6.1	. 4						20.9	14.9
	ENE		• 1	2.9	22.4	19.8	• 3						36.5	15.0
[E		• 1	1.9	7.4	1.6							11.1	13.4
{	ESE		• 1	• 4	• 9								1.4	11.2
[SE			1.0	4.3	• 2							5.5	13.0
	SSE			2.8	4.6								7.4	11.7
[\$		• 3	3.4	1.2								4.9	9.0
	SSW			1.9	. 8						L		2.7	9.5
j	sw			1.6	• 5		I						2.2	9.6
	WSW		• 1	1.4	• 1				L				1.6	8.8
į	w		. 1 .	• 1									. 2	7.0
į	WNW		. 2										• 2	6.8
ļ	NW		• 1	.1	<u> </u>		L		<u> </u>	İ			.2	6.0
į	NNW		• 2						L		ļ <u> </u>		. 2	4.5
]	VARBL													
	CALM	$\geq <$	><	><	><	$\geq <$	><	><	$\geq <$	$\geq <$	><	$\geq <$	•2	
		. 1	1.7	20.8	57.1	19.2	9						100.0	13.5

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

22521	HONOLULU IAP HI	70-79		OCT
STATION	STATION NAME		YEARS	MONTH
		ALL WEATHER		1500-1700
		CLASS		HOURS (L.S.T.)
		CONDITION		

SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	.:	1	• 5	• 1								• 9	7.5
NNE		• 1	1.6	2.2	3							4.2	11.4
NE		. 2	1.9	15.3	6.6	• 1						23.4	14.8
ENE		• 1	3.9	27.7	11.5	• 2						43.4	14.6
Ę	1	• 1	• 6	4.3	1.5							6.7	14.2
ESE		_•1	• 3	• 4								• 9	9.4
SE		. 1	1.0	2.6	.1							3.8	11.4
SSE			1.5	3.4	1							3.2	10.6
\$		_• 3	3 • D	• 1	.1							3.5	8.6
SSW		1.0	2.2									3.1	7.4
SW		. 5	1.0	• 5								2.0	8.4
wsw		. 4	2.2	.4								3.0	8.6
W		_ • 3	• 5	• 1								1.0	8.0
WNW		2										• 2	5.5
NW	1	2										• 3	4.G
MMM			• 3							l		• 3	7.7
VARBL													
CALM	\times	\mathbb{X}	$\geq \leq$	$\geq <$	\boxtimes	> <	\times	\times	\boxtimes	\geq	\geq		
	. 3	4.0	20.5	55.2	19.7	. 3						100.0	13.2

TOTAL NUMBER OF OBSERVATIONS 938

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SURFACE WINDS

TOTAL NUMBER OF OBSERVATIONS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

2521	HONOL	ULU IA	P HI	N NAME			70-	79		E 1 +				C T
						ALL WE	ATHEO						1800	-2000
		_					ASS							S (L.S.T.)
														•
		_				CON	DITION							
		_												
	SPEED (KNTS) DIR.	1 · 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
	N	• 1	1.5	1.6	•2								3.4	6.9
	NNE	• 1	.6	1.8	1.2								3.8	8.9
1	NE	1	1.0	6.3	16.1	2.3							25.8	12.1
	ENE		1.9	12.0	25.7	2.6							42.3	12.9
	E		1.5	4.8	3.5	_ • S							10.1	9.8
	ESE		.2	•1	• 3								• 5	9.2
	SE		• 5	•6	•1								1.3	6.8
	SSE	• 1	1.2	• 5	• 3								2.2	7.1
	\$	• ?	1.4	• 5	•1								2.3	6.0
	SSW	•1	. 9	• 2									1.2	4.9
	SW		1.1	.4									1.5	5.9
	WSW		• 2	• 3									• 5	6.2
	w		•6	• 3									1.0	6.0
	WNW		.9	• 1									1.0	5.7
	NW	• 1	. 8	• 2									1.1	5.4
	NNW	•1	.8	• 3									1.2	6.1
	VARBL													
	CALM		> <	$\supset \subset$	$\supset <$	$\supset <$	> <	> <	> <	$\supset <$	$\supset <$	$\supset <$	• 9	
		1.0	15.1	30.4	47.6	5.1							190.0	10.6

> NW NW NNW

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

2521	HONOL	LULU IA	P HI				70-	79					0	CT
STATION			STATIO	N NAME					Y	KARS			м	ONTH
						ALL WE	ATHER						2100	-2300
		_				CI	.A55							s (L.S.T.)
						CON	DITION			<u>-</u>				
		_												
	SPEED (KNTS) DIR.	1 · 3	4 - 6	7 - 10	11 - 16	17 - 21	22 · 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
	i N	• 5	3.2	1.2	• 1			 	 	<u> </u>	 		5.1	5.7
	NNE	• 3	1.4	1.3	• 9								3.9	7.6
	NE	.4	2.4	7.7	9.8	•9			·				21.2	10.4
	EŅE	• 3	7.8	18.0	18.7	1.6		1					46.5	10.0
	ŧ	• 1	2.2	5.1	2.4	•2							9.9	8.9
	ESE	• 1	• 2	. 4	•1								• 9	8.3
	SE	• 1	• 1	• 1									• 3	6.3
	SSE		• 3	• 1	• 3								. 8	8.4
	\$		• 3	.2					<u> </u>				• 5	6.2
	SSW	• 1	• 6	• 3									1.1	5.8
	SW		<u> </u>	. 1									•1	9.0
	WSW	- 2	. 3	1 1		<u></u>	<u></u>	L	L	<u> </u>	L		_ • 5	4.8

TOTAL NUMBER OF OBSERVATIONS 938

1.8 100.0

9.0

SURFACE WINDS

TOTAL NUMBER OF OBSERVATIONS

7440

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

						ATHER LASS							RS (L.S.T.
					CON	DITION							
SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥54	*	MEAN WING SPEED
N	• 5	1.9	1.9	•2	- fi					<u> </u>		3.7	6.1
NNE	• 1	9	1.5	1.1	•1	.0	 					3.7	9.1
NE	• 2	2.0	5.9	10.1	2.3	. 1	1					20.5	11.7
ENE	• 3	3.2	11.7	19.8	4.3	• 1						39.3	111.7
E	• 1	1.3	3.5	3.8	7							9.5	10.6
ESE	• 1	.4	• 5	• 3	i —							1.3	8.3
SE	• 1	• 3	• 5	1.2								2.1	10.5
SSE	• 0	• 4	. 9	1.0	.0							2.4	9.9
5	• 13	• 5	1.2	. 3	3							2.1	8.7
SSW	•3	• 5	. 8	• 1								1.4	7.5
sw	. 1	• 3	• 6	• 1								1.1	7.7
WSW	.0	• 2	• 5	• 2								- 9	7.5
w	.1	• 6	. 1	• 0								.9	5.6
WNW	• 3	1.4	. 3									i.9	5.8
NW	• 5	3.0	. 5									4.0	4.9
NNW	. 4	2.5	. 4									3.3	5.0
VARBL													I
CALM	\searrow	\sim			\searrow		\searrow					1.9	T

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

15552 STATION	HONOL	ULU IA	P HI STATION	NAME			70-	79		EARS			М	O V ONTH	
						ALL WE	ATHER							-0200 s (L.S.T.)	
													HOUR	» (L.».T.)	
						CON	NOITION								
		_													
	SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED	
[N	٥	4.7	2.6	. 1_								7.2	5.4	
Į.	NNE	• 1	1.2	1.8	• 3								3.4	7.3	
į	NE	.2	3.8	7.5	4.9	.2							16.7	9.1	
ļ	ENE	• 5	5.7	16.0	12.4	• 9	•1						35.7	9.8	
ļ	E		2.4	3.1	1.1	.4							7.2	8.6	
ļ	ESE		• 2	• 1	- 1								• 4	7.3	
}	SĒ			• 1	- 3	•2							.8	12.4	
	SSE	1		• 2		- 3	-1							14.4	
}	\$			• 3	- 2								• 7	10.5	
ŀ	SSW			.2	-1					 			• 3	10.0	
}	SW				. 2								•2	13.0 3.7	
ł	W5W W	•3	•1	• 3		 							1.3	5.3	
}	WNW	• 2	3.1	• 7									4.0	5.0	
1	NW	1.1	7.3	1.8	• 3	 			 	 			10.6	5.4	
į	NNW	. 8	4.3	- 8	.3	 		 					6.2	5.5	
1	VARBL		7.53	• • •											
	CALM		\geq	\times	\times	\times	\times	\times	\times	\times	\times	\times	4.0		
		4.6	33.0	34.6	20.7	2.1	2						100.0	7.9	
				ERVATIONS		900									

HONOLULU TAP HI

SURFACE WINDS

TOTAL NUMBER OF OBSERVATIONS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

					CON	DITION						
SPEED (KNTS)	1.3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥54	*
DIR.	1		, ,,							" "		
N	1.4	5•ถ	2.2	.1								8.8
NNE	.2	1.9	1.9	. 8								4.8
HE	• 1	2.8	7.1	5.2	. 6							15.8
ENE	• 8	4.4	11.7	18.3	• 7							27.5
E	• 3	1.2	3.0	2.4	• 1							7.1
ESE	1	• 2	• 2					L				. 6
SE			• 1	• 6	1_	•1						• 9
SSE			, U	• 3	• 1	• 1						1.0
S				• 2	•2							
SSW		. 1	• 1	• 1					<u> </u>			. 3
SW	. 1		.2					<u></u>				
WSW			•1									1
w	3	• 3	2				<u> </u>			L		1.0
WNW	. 6	4.6	3_	2_								5.7
NW	1.3	7.7	1.0	-1			L	<u> </u>		<u> </u>	<u> </u>	10.
NNW	1.4	8.1	1.1	<u></u>				<u> </u>	<u> </u>			10.
YARBL			L				L					
CALM	$>\!\!\!<$	$>\!\!<$	><	><	><		><	> <	><	> <	><	4 • 4

CALM

C

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

22521	HONOL	ULU IA					70-	79						0 V
STATION			SYATIO	NAME					Y	EARS				ONTH
		_				ALL WE							<u>0600</u>	-0800
						CI	.A88						HOUR	s (L.S.T.)
		_												
						CON	DITION							
í				-		<u> </u>				r	r			
	SPEED (KNTS)	1.3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND
	DIR.									l				SPEED
i	N	Ŕ	4.1	1.2	. 1								6.2	5.4
	NNE	7	2.7	7.2	• 1								5.0	6.3
ĺ	NE	α :	3.6	8.5	5.7	• 5							18.7	9.1
[ENE	.4	5 n	10.8	11.5	1.6							29.3	10.1
	E	• 2	1.0	2.4	1.3	• 1							5.1	9.1
	ESE		3	• 2									• 6	6.4
	SE		• 2	<u> </u>	• 6	. 3	.1						1.2	14.7
	SSE		• 1	• 1	_ • 3	• 1							.7	11.2
ĺ	5	•	• 1	. 4	. 4								1.1	10.0
	SSW		• 1	• 1	• 1								• 3	8.3
	SW													
	WSW		. Łj		.1								•6	6.4
	w	• 2	• 7	• 2			• 1						1.2	6.5
	WNW	1.1	4.8	• 9						<u> </u>			6.8	4.9
	NW	1.2	6.9	1.1									9.2	4.8
1		M.												

TOTAL NUMBER OF OBSERVATIONS 899

5.5

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

22521	HONOLULU TAP HI	70-79		NOV
STATION	STATION NAME	YEARS		нтисм
	ALL WE	ATHER		0900-1100
	CL	.ASS		HOURS (L.S.T.)
			/	
	CON	DITION	`	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥54	*	MEAN WIND SPEED
N	. 3	1.1	1.1	• 6								3.1	7.5
NNE		• 7	1.8	2.2	• 2							4.1	11.0
NE		1.0	3.7	9.4	3.8	_,7						17.8	13.1
ENE	• 2	1.4	7.8	17.9	6.9	• 5						34.8	13.3
E		2.4	3.1	4.3	.7							10.6	10.3
ESE	• 2	1.7	1.0	.8	• 1							3.8	7.5
SE		1.0	1.4	1.3	• 1							3.9	9.5
SSE		• 7	1.7	• 3	• 1							2.8	8.5
\$	• !	1.8	2.8	. 4			ĺ					5.1	7.3
SSW		1.0	•1	.4								1.6	8.0
SW	• 1	. 9	1.1	• 1								2.2	6.8
WSW	5.	• 3	• 3	• 2	i	i			1			1.1	7.5
w		.8	.1									• 9	5.1
WNW	• 2	1.3	• 4	i					<u> </u>	<u> </u>		2.0	5.4
NW	• 3	. 8	.6	•1								1.8	6.2
NNW	• 2	1.3	.6	• 3								2.4	6.4
VARSL								1	†				
CALM	\times	$\ge $	$\geq \leq$	\times	\boxtimes	$\geq \leq$	$\geq \leq$	\geq	\boxtimes	\boxtimes	\geq	2.1	
	2.0	18.2	26.8	38.6	11.1	1.2						100.C	10.5

TOTAL NUMBER OF OBSERVATIONS 900

SURFACE WINDS

TOTAL NUMBER OF OBSERVATIONS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

21	HONOL	ULU TAR	ZH 9				70-	79					N	0 V
PATION	***************************************		STATION	MAME		•			Υ	EARS			м	ONTH
						ALL WE	ATHER						1200	-1400
		_					ASS						HOUR	S (L.S.T.)
						CON	NOITION							
٦	SPEED	[1	MEAN
-	(KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	SPEED
	N	• 1	• 4	• u	1.8								2.8	10.4
	NNE		• 3	1.3	2.6	.7	• 1						5.0	12.9
	NE		• 1	2.4	11.5	6.0	• 8						20.8	14.7
	ENE			3.4	18.4	9.2	•8						31.8	14.7
	ŧ		. 4	1.9	4.8	2.3	•2						9.7	13.2
	ESE			1.3	8	• 1							2.3	10.3
Γ	SE		• 1	1.1	4.1	• 1				1			5.5	11.9
	SSE	6.1	. 2	3.2	2.1								5.8	10.1
Г	\$		• 9	4.6	1.0								6.5	8.9
Γ	SSW		• 4	2•€	•6								3.0	8.9
E	SW		• 2	1.1	1.0								2.3	9.9
	WSW		• 2	1.6	. 8								2.5	9.6
	W		• 2	• 2	• 3					[• 8	9.0
	WNW		\$	• 1	• 2								• 6	7.8
	NW		. 1	• 1	•1								_ 3	8.7
	NNW	• i	• 1	• 2	. 4								• 9	10.1
	VARBL													
	CALM	\times	> <	\times	\geq	$\geq \leq$	$\geq \leq$	\geq	$\geq \leq$	$\geq \leq$		$\geq \leq$	• 2	
ſ		7			40 6	10 6	1.0						100.0	12.0

SURFACE WINDS

TOTAL NUMBER OF OBSERVATIONS

900

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1	HONOL	ULU TAP	PHI				70-	79						0 V
TION			STATIO	MAME		_			Y	KARS			M	ONTH
						ALL WE.	ATHER						1500	-1700
		<u></u>				CL	ABS							s (L.S.T.)
						CON	NOITION							
ſ	SPEED	Γ												MEAN
1	(KHTS)	1.3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	WIND
l	DIR.				İ									SPEED
	N		. 4	1.9	1.1	• 2							3.7	10.0
- [NNE		• 1	1.1	2.7	• 1							4.0	11.6
	NE		• 3	3.3	13.6	6.6	• 7						24.4	14.4
	ENE		• 3	4.0	21.0	8.2	1.0						34.6	14.5
- [ŧ		. 4	1.6	3.6	1.3							6.9	13.G
I	ESE	• 1	• 2	• 9	_ 6								1.8	9.1
l	SE		• 1	1.6	2.3	• 3							4.3	11.5
l	SSE		• 4	1.8	. 7								2.9	8.7
l	5		1.3	2.3	2.3					L			5.0	8.8
l	SSW	.1	• 9	2.1	• 1	• 1				L			3.3	7.7
ı	sw		• 4	1.9	.2				L				2.7	7.8
-	WSW		•4	1.3	-6	-1							2.4	9.2
1	w		-1	-2	.3								.8	8.9
Į	WNW			• 3									. 4	9.3
ı	NW		• 3	• 4	. 4	ļ			L	L			1.3	8.3
١	NNW	<u> </u>	. ?	• 3	9.						<u> </u>		1.3	10.7
l	VARBL		<u></u>		Ļ				Ļ	Ļ	Ļ			
	CALM	$\geq \leq$	$\geq \leq$	$\geq \leq$		$\geq \leq$	><	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	• 1	<u> </u>
ĺ		,	6.2	25 1	110 7	17.0	, ,						100 3	12 7

SURFACE WINDS

TOTAL NUMBER OF OBSERVATIONS

NOV

900

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

					ALL WE	ATHER	ot						-2300 RS (L.S.T.)
	-				CON	DITION							
SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 · 27	28 - 33	34 - 40	41 - 47	48 - 55	≥54	*	MEAN WIND SPEED
N	• 3	3.1	3.8	. 9								8.1	7.3
NNE		1.6	2.4	1.2	.1							5 • 3	8.4
NE	• 1	1.4	6.1	9.7	1.6	• 1						19.0	11.8
ENE	• 2	4.3	16.2	18.3	2.6	• 1						42.2	10.8
ŧ	• 1	1.0	3.2	2.7	• 3							7.3	9.9
ESE		•6	1.8									1.6	7.0
SE	•1	• 2	• 7	1.0								2.0	10.0
SSE	• 1		• 4	• 8	.1							1.4	11.
S	• 2	- 8	. 6	_ •3								1.9	6.6
SSW	• 5	• 3		•1								1.0	5.1
SW	- 1	• 2	• 2	• 2								. 8	8 . 6
WSW	• 1	• 3	. i									• 6	5.6
w		1.2	• 3									1.6	5.5
WNW		. 4	.2	.1								. 8	7.1
NW		1.2	•6	.2								2.5	6.9
ииw		• 9	1.0	•6								2.4	7.7
VARBL													I
				$\overline{}$									

USAFETAC FORM (NR.5 (OL.A.) PREVIOUS EDITIONS OF THIS FORM ARE ORSCIETE

SURFACE WINDS

TOTAL NUMBER OF OBSERVATIONS

899

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

	HONOL	LULU AA	<u> </u>					<i>1.</i> ٧					N	UV
ION			STATIO	N NAME					Y	EARS				ONTH
						ALL WE	ATHER							-2300
						CL	.A55						HOUR	S (L.S.T.)
						CON	DITION							
		_												
ſ	SPEED													MEAN
1	(KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	WIND
t	N	1.4	3.8	1.4	• 3								7.0	5.6
ſ	NNE	• 3	1.4	1.3	.7								3.8	7.5
ſ	NE	. 6	3.6	6.3	6.5	• 7							17.6	9.8
r	ENE	.6	7.7	16.6	14.1	3.3	• 1						42.0	10.1
ľ	E	.1	2.0	3.3	1.4	• 3					 		7.2	9.0
r	ESE	•1	•6	•1		i							• 8	5.0
ı	SE				•6								• 6	13.6
ľ	SSE		-1	• 1	• 3	• 2							• 8	12.7
ľ	\$		• 1	• 7	•1	•1	i						1.0	10.0
ľ	SSW				• 1								•1	14.0
ľ	SW			• 2	. 1		i						• 3	11.0
Ī	WSW	.1	• 1		·					1		<u> </u>	• 2	4.0
ľ	w		• 7	1									•8	5.3
ſ	WNW	. 3	1.4	• 7									2.4	5.4
ľ	NW	. 8	3.9	• 7	•3								5.7	5.6
ſ	NNW	.7	5.2	• 7	•1	1			<u> </u>				6.7	5.1
Ī	VARBL			1	1									
	CALM	$\supset <$	> <	$\supset <$		> <	> <	> <	> <	$\supset \subset$	$\supset <$	$\supset \subset$	3.0	
ľ							•		· · · · ·					

C

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

22521	HONOLULU IAP HI	76-79		VOV
STATION	STATION NAME		YEARS	монтн
		ALL REATHER		ALL
		CLASS		HOURS (L.S.T.)
		CONDITION		

SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	.7	2.8	1.7	• 5	• 1							5.8	6.5
NNE	• 2	1.2	1.6	1.3	. 1	٥.						4.4	9.1
NE	• 2	2.1	5.6	8.3	2.3	ڌي						18.8	11.7
ENE	• 3	3.7	10.8	15.5	4.1	• 3						34.8	11.6
E	• 1	1.4	2.7	2.7	•7	. 0						7.6	10.4
ESE	•1	• 5	• 6	• 3	•€			l				1.5	7.9
SE	• €	• 2	• 6	1.3	• 2	•0		<u> </u>				2.4	11.5
SSE	.0	• 2	1.6	• 6	• 1	• 0		<u> </u>		<u> </u>		2.0	10.3
S	• 1	• 6	1.5	• 5	• 0		. , . ,	ļ		ļ <u>.</u>		2.7	8.6
SSW	<u> </u>	• 4	•6	• 2	• 0			ļ	ļ	ļ		1.3	8.1
SW	. 1	• 2	.6	• 2			.,					1.1	8.4
WSW		• 3	• 4	• 2	٤٠			ļ	ļ	ļ		1.0	8.2
w	1	• 6	• 2	• 1		•0				<u> </u>	ļ	1.0	6.2
WNW	3_	2.0	5	1							ļ	2.8	5.3
NW	•6	3.5	. 8	. 2				ļ			ļ	5.1	5.4
NNW	•6	3.2	.7	. 3								4.9	5.6
VARBL										Ļ,	Ļ		
CALM	$\geq \leq$	$\geq \leq$	$\geq \leq$	> <	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	2.7	
	3.5	22.8	30.0	32.5	7.7	• 7						100.0	9.7

TOTAL NUMBER OF OBSERVATIONS 7197

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

22521	HONOLULU TAP HI	70-79		DEC
STATION	STATION NAME		YKARS	MONTH
		ALL WEATHER		0000-0200
		CLASS		HOURS (L.S.T.)
		CONDITION		

SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	• 8	2.7	1.2	• 4								5.1	6.1
NNE	• 1	3.1	2.0	• 6								5.9	7.0
NE	. 4	3.1	5.6	4.5	1.6	• 1						14.7	9.8
ENE	• 2	2.9	11.5	13.3	2.4	• 4						30.8	11.2
Ę	• 5	1.5	3.0	2.8	. 9	• 1						8.8	10.3
ESE		• 2	• 3									• 5	6.8
SE			• 1					<u> </u>	<u> </u>		L	•1	8.0
SSE		• 3	-1	• 3								. 8	8.4
\$		1	.6	. 3	• 1			<u> </u>	ļ	<u> </u>		1.2	10.5
SSW			• 2	• 3					<u> </u>			•5	10.8
SW		• 2	. 3	.1						<u> </u>		•6	9.0
wsw	• 1	• 2	.4		<u> </u>				ļ	<u> </u>		.8	7.0
w	- 2	1.4	.4		İ			<u> </u>	<u> </u>	<u> </u>		1.6	5.3
WNW	1.7	4.2	. 8		L							5.9	4.7
NW	1.1	7.2	1.2		<u> </u>							9.5	5.0
NNW	1.2	5.9	1.2									8.3	5.0
VARBL	ļ		L	L			L	L		Ļ			
CALM	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	> <	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	4.9	
	5.6	32.7	29.0	22.8	4.3	. 6						100.9	8.2

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

22521	HONOL	ULU I	[AP	HI				_	79-	79			 	D	EC
STATION				STATION	NAME						Y	EARS	 	м	ONTH
			LU IAP HI STATION NAME				ALL_	WEAT	HER					0300	-0500
								CLASS	3					HOUR	\$ (L.S.T.)
							•	CONDITI	ON						
						,						,	 		·
1	SPEED		ı							i .			l	H	MEAN

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	1.1	4.7	1.4									7.2	5.2
NNE	• 2	1.7	1.5	. 4								3.9	6.7
NE	• 1	2.2	5.2	4.4	1.2							13.0	10.5
ENE		4 • 1	11.4	10.5	1.8	• 3						28.2	10.7
E	. 1	1.2	2.2	1.9	•6							6.0	10.4
ESE		-3	• 2	•2								• 8	8.6
SE			• 1	• 5	_ •2							• 9	13.9
SSE		• 1	• 2	.5								• 9	11.8
\$. 1		• 3	1.0	.2							1.7	12.0
SSW		• 2		• 3	• 1		L					• 6	11.2
sw		• 1		• 3								.4	10.3
WSW		• 1	• 6	.2								1.0	9.0
W	-1	1.6	• 1	.1						l		1.9	5.1
WNW	. 8	4.1	. 3				<u> </u>					5.2	4.7
NW	1.6	9.4	1.5	1								11.9	5.1
NNW	2.2	8 • 4	1.4									11.9	4.9
YARBL													
CALM	\geq	\ge	$\geq \leq$	$\geq \leq$	\times	\bowtie	\boxtimes	\geq	$\geq \leq$	\geq	$\geq \leq$	4.4	
	5.6	38.3	26.5	20.7	4.2	• 3						100.0	7.9

TOTAL NUMBER OF OBSERVATIONS 929

HONOLULU IAP HI

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

	STATIO	NAME					•	EARS			*	ONTH
				ALL WE								-0800
				CL	.A55						HOUR	S (L.S.T.
				CON	DITION							
				CON	D.110H							
							···					
SPEED (KNTS) 1 - 3 DIR.	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAI WINI SPEEI
N 1.	3 3.8	1.8	01								7.5	5.
NNE .	2 1.5	1.6	• 9								4 • 2	7.
NE .	4 1.9	4.7	4,=	1.1							12.5	10.
ENE .		10.3	11.9	2.9	. 4						29.7	11.
E	5 1.4	1.8	2.2	• 6	• 1						6.7	10.
ESE	• 2			. 1							• 3	9.
SE		• 3	• 5	• 1							1.0	12.
SSE	• 2	• 2	• 5								1.0	10.
5	• 2	• 2	• 9	. 4							1.7	12.
SSW	• 1	• 1	• 1								• 3	8.
sw		• 1	, 4	. 1							• 6	13.
WSW	• 1	• 2	• 1	• 1							• 5	10.
w	2 1.4	• 5	•2	. 1							2.5	6.
WNW 1.	3 4.5	. 9									6.3	4.
NW 1.	8 8 8	1.0									11.6	4.
NNW .	8 5.7	1.3	• 2								8.0	5.
YARBL											<u></u>	L
CALM	\searrow	$\geq <$	><	$>\!\!<$	$\geq \leq$	\times	><	><	><	><	6.1	
	6 33.7	25.2	22.4	5.6							100.0	

TOTAL NUMBER OF OBSERVATIONS 930

T.

1

SURFACE WINDS

TOTAL NUMBER OF OBSERVATIONS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

	HONOL	ULU IA					7 <i>0-</i> _	79						EC
ION		-	STATIO	NAME					Y	EARS			M	ONTH
						ALL WE	ATHER						9900	-1100_
		<u> </u>				CI	.A88						HOUR	S (L.S.T.)
		-				CON	DITION							
ſ	SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
ŀ	N	•3	1.5	1.6	•8								4.2	7.5
ŀ	NNE	• 2	• 5	1.5	1.6	• 5							4.5	10.6
ŀ	NE		1.3	3.7	6.9	1.7	• 5						14.1	12.6
h	ENE	.4	1.2	7.0	15.4	6.5	1.5						32.0	13.5
ŀ	E	-4	1.4	2.6	5.2	2.5	1.0						13.1	12.2
t	ESE	• 2	1.9	1.6	.4	•1			 		 		4.3	7.1
t	SE	-4	1.7	1.8	.9	• 3	•1						5.3	8.3
r	SSE	•	1.0	• 9		. 1					 	<u> </u>	1.9	7.7
r	5	.4	1.3	1.5	•4	•2							3.9	7.7
r	SSW		• 5	• 4	1.1	•2				i			2.3	10.8
r	SW	• 3	• 2	1.2	•1								1.6	8.0
ľ	WSW		. 4	•3	• 1	• 1	<u> </u>						1.0	8.7
r	w	• 1	1.3	. 4	.4	• 2							2.2	8.3
ľ	WNW	. 4	1.2	. 4									2.0	5.4
ľ	NW	• 5	1.6	1.0	• 1								3.2	5.8
r	NNW	-4	1.6	-8									2.8	5.5
r	YARBL													
Ī	CALM		> <	\supset	$\supset <$	$\supset <$	$\supset <$	$\supset \subset$	> <	$\supset \subset$		><	1.6	
ľ		4.3	10.4	26.7	34.4	12.6	2.3						100-0	10.8

SURFACE WINDS

TOTAL NUMBER OF OBSERVATIONS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

521	HONOL	ULU IA	P HI				70-	79		·				EC
ATION			STATIO	NAME					Y	EARS				IONTH
						ALL WE	ATHER							-1400
						CL	.A55						HOUR	ts (L.S.T.)
		-				CON	DITION							
		_												
	·													
	SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥54	*	MEAN WIND SPEED
	N			• 9	1.1	• 1							2.0	11.4
	NNE		. 1	1.2	2.2	. u							3.9	12.4
	NE	• 7.	• 2	2.3	9.7	3.7	1.1						17.0	14.7
	ENE		1.0	4 • G	15.8	8.3	2.7						31.4	15.1
	E		.1	3.4	4.4	2.8	• 2						11.0	13.5
	ESE		• 5	. 9	.6	• 1				T			2.2	9.7
	SE		• 3	2.5	2.6	• 2							5.6	10.8
	SSE		• 5_	4.5	2.9	• 3	• 1			i			7.5	10.2
	\$		1.3	5.6	1.1	• 2							7.8	8.9
	SSW		. 4	1.3	1.0	• 1							2.8	9.9
	SW		• 2	1.1	1.0								2.3	9.5
	WSW		• 1	1.0	1.6								2.7	11.0
	w		• 2	• 2	• 5	1							1.1	11.7
	WNW		• 1	• 1	• 3	. 1	• 2						• 9	14.5
	NW		• 1	• 4	• 3								• 9	9.9
	NNW			.4	• 4								. 9	10.9
	VARBL													
	CALM		\geq	> <	\boxtimes	$\geq <$	\geq	> <	\times	\times	$\supset <$	\times	• 2	
		.1	4.9	29.7	44.6	15.1	4.3						100.0	12.9

VARBL

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

26561	nonot	<u>.ULU IA</u>	r ni					17					U	L L
STATION	-		STATIO	NAME.					Y	EARS				ONTH
		_				ALL WE							1500	-1700
						Ç.	ASS						HOUR	S (L.S.T.)
		_												
						CON	DITION							
		_												
	SPEED (KNTS) Dik.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
	N		• 2	1.1	1.5	• 2							3.0	11.6
	NNE			• 9	3.C	. 4	• 2						4.5	13.3
	NE		• 1	3.3	11.7	4.8	• 8						20.8	14.2
	ENE		• 5	4.8	17.5	9.3	1.6						33.8	14.6
	E	. 1	• 5	1.4	3.0	1.5	1.2						7.9	14.1
	ESE	.1	. 4	• 2	1.5								2.3	10.3
	SE	.1	• 1	2.2	1.6								4.9	10.0
	SSE	• 1	• 6	2.6	. 9	• 3							4.5	9.8
	5	. 2	1.3	2.3	8.								4.5	7.5
	SSW		1.1	1.2	. 4								2.7	8.0
	sw		• 5	1.6	. 8								2.9	8.9
	WSW	ii	• 6	1.7	1.1								3.4	9.0
	W		. 8	. 4	1.2	-1							2.5	9.7
	WNW	1		. 1	.3_	.1	.2		L				. 9	14.3
	NW		2	7	7									10.1

TOTAL NUMBER OF OBSERVATIONS 929

HONOLULU IAP HI

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION			BTATIO	N NAME					Y	EARS			•	HONTH
		_				ALL WE							1809	-2900
						CI	LASS						HOU	RS (L.S.T.)
		_					DITION			 				
						COR	DITION							
		-												
	SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
	N	·i	2.4	2.5	.9								5.8	7.8
	NNE	.4	1.4	3.1	1.2		• 1						6.2	8.3
	NE	• 2	2.4	7.1	7.6	1.7	• 5						19.7	11.4
	ENE	.4	2.9	12.2	17.8	5.5	1.3						40.1	12.1
	E	ų	•8	2.3	2.6	8.	• 3	1		1			7.1	11.4
	ESE				• 1	• 1							• 2	15.0
	SE	•2	8.	•8	• 1	• 1							1.9	7.7
	SSE	• 3	• 3	•6	• 3								1.6	7.5
	\$	• 3	• 8	•2	. 8								2.0	7.9
	SSW	• 2	5	• 1	• 2_								1.1	6.9
	sw		. 8	. 4;									1.2	6.2
	WSW	. 1	. 9	1.0									1.9	6.2
	W	5	2.1	1.0	.3_								2.9	6.6
	WNW	. ?		• 6									• 9	7.0
	NW		, 4	• 9	. 4								1.8	8.6
	NNW	.1	1.3	1.4	. 4								3.2	7.4
	VARBL													
				$\overline{}$		\sim		$\overline{}$					7 7 7	1

TOTAL NUMBER OF OBSERVATIONS 930

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

22524	HONOL	ULU_IA	P HI				70-	79						EC
STATION		-	STATIO	N NAME				-	Ÿ	EARS			M	ONTH
						ALL WE	ATHER						2100	-2300
						CL	ASS						HOUR	S (L.S.T.)
		_				CON	DITION							
	SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	×	MEAN WIND SPEED
	2	: • 2	2.5	1.9	• 1								5.7	5.6
	NNE	• 3	2.4	2.9	• 3								5.9	6.9
	NE	.9	3.5	5.5	4.8	1.4	• 2						16.3	10.0
	ENE	• 4	4.6	10.2	15.8	3.5	• 5						35.2	11.4
i	E	.4	1.2	1.9	3.2	1.3	• 2	• 1	<u> </u>				8 • 4	11.8
	ESE	• i	• 1	• 2	•2	• 1				T			8_	10.4
ľ	SE				• 2									13.0

	5.3	28.7	28.1	25.9	6.5	1.0	1_	<u></u>	<u> </u>			100.0	8.9
CALM	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	\simeq	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	3.4	
VARBL	Ļ		Ļ		Ļ.,				Ļ	Ļ			
NNW	.9	3,9	1.7	1	ļ	ļ		L	<u> </u>	<u> </u>	ļ	6.6	5.6
NW	1.0	4.5	1.8			ļ <u>.</u>			<u> </u>	 		7.4	5.3
WNW	8	3	.5	<u> </u>		L						4.3	4.9
w		1.4	.2									1.6	5.6
WSW	.2	• 5										. 8	4.3
SW	1	• 3	, tı	. 3								1.2	0.3
SSW	. 1	• 2	• 3	• 2								• 9	8.0
S	1	• ?	• 2	• 3	, 1							. 9	11.0
SSE		• 2	• :	_,2_					Ι			• 5	8.8
SE				• 2								• 2	13.0
ESE	• i	• 1	• 2	2_	• 1							8_	10.4
E	. 4	1.2	1.9	3.2	1.3	• 2	• 1					8 • 4	11.8
ENE	• 4	4.6	10.2	15.8	3.5	• 5						35.2	11.4
NE	• 9	3.5	5.5	4.8	1.4	• 2		!			L	16.3	10.0

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

HONOL	ULU IA	P HI	N NAME			70-	79		EARS			- - 2	EC
					ALL NE	ATHER						A	LL
			· · · · · · ·		CL	.A88						HOUR	S (L.S.T.)
	_				CON	DITION							
SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥54	%	MEAN WIND SPEED
N	.6	2.2	1.5	.6								5.3	6.9
NNE	• 2	1.3	1.8	1.3	• 2	. 3						4.9	8.9
NE	•3	1.8	4.7	6.7	2.1	. 4						16.0	11.8
ENE	• 2	2.6	8.9	14.8	5	1.1						32.6	12.5
E	.3	1.7	2.3	3.3	1.4	• 3	• 0					8.5	11.9
ESE	.1	• 5	. 4	. 4	•1				1	1		1.4	8.7
SE	.1	• 4	1.3	• 8	•1	•0		i		1		2.4	9.9
SSE	.1	.4	1.2	• 5	. 1	5						2.3	9.6
\$	• 1	• 6	1.4	• 7	• 2							3.0	9.0
SSW	.3	• 4	• 5_	• 5	.1_							1.4	9.3
5W	• 0	• 3	•6	• 4	. C							1.4	3.8
WSW	. 1	. 4	• 7	• 4	_ ^							1.5	8.6
w	. 1	1.3	. 4	• 3	. l							2.0	7.2
WNW	.5	2.1	.5	• 1	• .	• 1				<u> </u>		3.3	5.5
NW	.7	4.1	1.0	. 2								5.9	5 . 4
NNW	. 7	3.4	1.1	• 2	. 2							5.4	5.7
VARBL								1					
CALM	$\supset <$	><	> <	$\supset <$	$\supset <$	> <	><	> <	$\supset <$	$\supset <$	><	2.9	
							استحكادا			1	7	I	

TOTAL NUMBER OF DESERVATIONS 7438

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

2521	HONOL	ULU IA	P HI				79-	8 0		EARS				LL
STATION			STATIO	INAME					Ψ:	KARS				
						ALL WE	ATPER							<u>LL</u>
						Ci.	ASS						HOUM	* (L.S.T.)
						CON	DITION							
ſ	SPEED	1		γ							<u> </u>		<u> </u>	MEAN
	(KNTS) DIR.	1.3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	WIND
Ī	N	. ц	1.7	. 9	• 3	``							3.5	6.4
Ī	NNE	• 1	. 8	1.2	1.1	» 2	_ . Ω						3.4	9.3
ſ	NE	• 2	1.7	5.1	9,5	2.9	• 2	• 3					19.6	12.2
Ţ	ENE	• 2	2.8	11.1	20.6	5.8	. 4	• 0					40.9	12.4
[£		1.1	3.0	3.3	1.3	. 1	្ស					9.0	11.3
[ESE	.0	• 3	. 4	3	n,	5						1.1	8.8
[SE	• 13	• 2	• 5	. 9	. 1	• 0						1.8	10.7
	SSE	.0	• 3		.7	. 1	C.						1.9	10.0
[\$	• 1	• 5	1.4	. 6	• 1	•						2.7	9.1
	SSW		. 4	• 8	• 3	. 73	i co						1.5	8.7
1	SW	٦,	• 3	6	. 4	. 0		.0					1.3	9.1
ì	WSW	1	• 3	. 5	. 4	.0	٦.			<u> </u>			1.3	9.3
Į	w		5	. 3	2	- 0.0				l	<u> </u>		1.2	7.4
1	WNW	3	1.2	3_			. 6						1.9	5.4
į	NW_	24	2.4	6	•1	• ?	. (1						3.5	5.4
1	NNW	. 4	2.2	• 6	• 1	. 3	• 3						3.4	5.6
	VARBL									L				
	CALM	\times	$>\!\!<$	><	><	><	><	><	><	><	$\triangleright <$	><	1.9	

TOTAL NUMBER OF OBSERVATIONS 87643

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

22521	HONOLULU IAP HI 78-80	ALL
STATION	STATION NAME YEARS	монтн
	INSTRUMENT	ALL
	CLASS	HOURS (L.S.T.)
	CIG 200 TO 1400 FT W/ VSBY 1/2 MI OR MORE.	
	CONDITION	
	AND/OR VSBY 1/2 TO 2-1/2 MI W/CIG 200 FT OR MORE	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N		3.5	2.9	• 6								7.1	7.0
NNE		• 6	• 3	1.3								2.2	9.6
NE		• 6	• 5	2.6	• 6	• 3						4.8	13.2
ENE	1.0	3.2	1.9	3.8	1.0							10.9	16.1
E	• 5	1.6	1.9	1.0	• 6							5.8	8.3
ESE			2.2	1.3	1.3	• 6						5 • 4	13.2
SE		• 6	1.3	2.2	• 6							4 • 8	11.7
SSE		• 3	1.3	1.3	• 6	• 3						3 • 8	13.1
\$		1.3	4.5	3.5	2.5	• 3						12.2	11.7
SSW		• 6	1.0	• 6		• 3						2.6	10.6
SW		1.7	. 6	1.0	• 3							3 • 2	9.6
WSW	• 3	1.6	4.2	2.2	1.6	•6						18.6	11.2
W		3.2	_3.5	4.8	1.3							12.3	10.0
WNW	• 3	1.3	• 3		• 3							1.9	7.0
NW	3	1.9	1.9	• 3							T	4.5	6.3
WNN	1.3	• 3	1.9	1.0								4.2	7.6
VARBL			I										
CALM	\times	$\geq \leq$	$\geq \leq$	$\geq \leq$	\geq	$\geq \leq$	$\geq \leq$	$\geq \leq$	\geq	$\geq \leq$	$\geq \leq$	3 • 2	
	3.5	21.8	30.4	27.6	10.9	2.6						100.0	9.9

TOTAL NUMBER OF OBSERVATIONS 312

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART D

CEILING VERSUS VISIBILITY

This summary is a bivariate percentage frequency distribution by classes of ceiling from zero to equal to or greater than 20,000 feet and as a separate class "no ceiling", versus visibility in 16 classes from zero to equal to or greater than 10 miles. Data are derived from hourly observations, and three sets of tables are presented as follows:

- 1. Annual all years and all hours combined
- 2. By month all years and all hours combined
- 5. By month by standard 3-hour groups

Due to the cumulative nature of this presentation, it is possible to determine the percentage frequency of occurrence for any given limit of ceiling or visibility separately, or in combination of ceiling and visibility. The totals progress to the right and downward. Ceiling may be determined independently by referring to totals in the extreme right hand column. Also, visibility may be determined independently by reference to the horizontal row of totals at the bottom of the page. The percentage frequency for which the station was meeting or exceeding any given set of minims may be determined from the figure at the intersection of the appropriate ceiling column and visibility row. Several examples in the use of these tables are shown on pages 2 and 3 below.

U. S. Weather Bureau and Navy stations did not report ceilings within the range 10,000 feet and higher prior to January 1949. Summaries prepared from data for these stations using the earlier period and data subsequent to January 1949 will be modified to limit ceilings to 10,000 feet. Short periods of record prior to 1,000 for these stations will be eliminated from the summary. For Air Force stations, the "no ceiling" category includes clear and scattered conditions, and ceilings above 20,000 feet for period through June 1948. Beginning in July 1948 for Air Force stations and January 1949 for USWB and U. S. Navy stations the "no ceiling" category consists of observations with less than 6/10 total sky cover and those cases where total sky cover is 6/10 or more, but not more than 1/2 of the sky cover is opaque.

Beginning in January 1968, METAR stations report visibilities to 6 miles and then greater than 6 miles. Thus, for METAR stations, the category equal to or greater than 10 miles is not printed in the tables, unless the summary was for a period ending before January 1968.

Continued on Reverse Side

EXAMPLES FOR USE OF CEILING VERSUS VISIBILITY TABLES IN THIS TABULATION

CEILING							VI5	SIBILITY (ST	IM STUTA	LES)						
(FEET)	≥ 10	•≥ 6	≥ 5	_ ≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/3	≥1%	≥ 1	≥ ¾	≥ %	≥ 1/3	≥ 5/16	≥ 1/4	≥ 0
NO CEILING	>															
≥ 1800 ≥ 1500				,	91.0											92.6
≥ 1200 ≥ 1000																
≥ 900 ≥ 8 00																
≥ 700 ≥ 600							,									
≥ 500 ≥ 400										97.4						98.
≥ 300 ≥ 200																
≥ 100 ≥ 0					95.4		96,9			98.3						100

EXAMPLE # 1 Read ceiling values independently of visibility under column at right headed ≥ 0 . For instance, from the table: Ceiling ≥ 1500 feet = 92.6%.

Ceiling ≥ 0.00 feet = 98.1%.

EXAMPLE # 2 Read visibilities independently of ceilings on bottom line opposite ≥ 0. From the table: Visibility ≥ 3 miles = 95.4%.

Visibility ≥ 2 miles = 96.9%.

Visibility ≥ 1 mile = 98.3%.

EXAMPLE # 3 To obtain combinations of ceiling with visibility, read figure at intersection of the two categories; i.e.: Ceiling ≥ 1500 feet with visibility ≥ 3 miles = 91.0%.

574 29963

ADDITIONAL EXAMPLES

Values below minimums stated in the table may be obtained by subtracting the value given in the table from 100%.

Thus, to obtain the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles, subtract the value read from the table at the intersection, which is 91.0, from 100.0. The answer 9.0 is the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles.

Likewise, the percentage of observations with ceiling < 500 feet and/or visibility < 1 mile is 2.6, obtained by subtracting 97.4 from 100.0.

EXAMPLE # 5 To find the percentage of observations falling within the two categories given in example above, subtract the value read from the table for the first set of limits from the value in the table for the second set of limits. The difference will be the percentage of observations meeting the lower set of limits, but not meeting the higher set of limits.

The value 91.0 read from the table at the intersection of \geq 1500 feet with \geq 3 miles, subtracted from 97.4 read from the table at the intersection of \geq 500 feet with \geq 1 mile is equal to 6.4%. Thus; 6.4 percent of the observations meet the criteria: "ceiling \geq 500 feet with visibility \geq 1 mile, but < 3 miles; or ceiling \geq 500 feet, but < 1500 feet with visibility \geq 1 mile."

Since these tabulations are prepared in several ways including by month, by 3-hour groups it is possible to determine diurnal variations of ceiling and visibility limits as well as probabilities of various ceiling-visibility combinations.

D - 3

574 299

CEILING VERSUS VISIBILITY

HONOLULU TAP HI

71-80

<u>-1000-0200</u>

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

VISIBILITY (STATUTE MILES) (FEET) ≥۵ ≥1% NO CEILING 55.7 56.7 55.7 56.7 56.7 56.7 56.7 56.7 56.7 56.7 56.7 56.7 56.7 56.7 55.7 61.4 61.4 51.4 61.4 61.4 61.4 61.4 61.4 ≥ 18000 61.6 61.6 61.6 61.6 61.6 61.6 61.6 61.5 61.6 61.6 ≥ 16000 62.2 62.2 62.2 52.2 62.2 62.2 62.2 62.2 ≥ 14000 ≥ 12000 62.8 62.8 52.8 64.5 64.5 64.5 62.8 62.8 62.8 62.8 62.8 62.8 62.8 62.8 52.8 62.8 62.8 64.5 64.5 64.5 64.5 64.5 64.5 56.2 ≥ 9000 56.9 66.9 66.9 ≥ 8000 ≥ 7000 67.2 67.2 57.2 67.2 67.2 67.2 57.2 57.2 67.2 67.2 67.2 67.2 ≥ 6000 ≥ 5000 67.5 73.9 7.5 67.5 67.5 67.5 67.5 67.5 67.5 67.5 67.5 74.0 74.0 74.0 74.0 74.3 74.0 67.5 67.5 67.5 67.5 67.5 74.7 74.0 74.2 74.6 74.0 ≥ 4500 ≥ 4000 86.7 86.7 89.9 9 . 4 ≥ 3500 ≥ 3000 91.1 91.8 91.9 91.9 91.3 91.9 91.9 91.9 92.8 92.8 92.9 92.9 92.9 92.9 92.9 92.9 92.9 92.9 92.9 92.9 92.9 92.9 ≥ 2500 ≥ 2000 94.5 94.5 94.5 97.0 97.0 97.0 94.5 94.5 94.5 94.5 94.5 94.5 94.5 94.5 94.5 94.5 97.6 97.7 97.7 97.0 97.6 97.6 97.6 96.8 96.3 97. 97 1 > 1800 98.4 98.5 ≥ 1500 ≥ 1200 99.2 99.4 ≥ 900 ≥ 800 2 2 99.4 99-91-00-01-600 99.5 ≥ ≥ 400 99.91.00.01.00.01.00.01.00.01.00.01.00.01.00.01.00.01.00.01.00.01.00.01.00.01.00.01 300 99.5 200 99.91: 0.01:00.01 100 99. strong of an alternation of the color of the color of the color of the

TOTAL NUMBER OF OBSERVATIONS 931

USAF ETAC JUL 64 0-14-5 (OL A) MEVIOUS EDITIONS OF THIS FORM ARE DISOLETE

CEILING VERSUS VISIBILITY

HONOLULU IAP HI

71-83

-0300-0500 HOURS ((31)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

										·						
CEILING							vis	IBILITY (ST	ATUTE MIL	ES)						
(FEET)	≥10	≥6	≥5	≥4	≥3	≥2¹2	≥2	≥15⁄2	≥1¼	≥1	≥ ¾	≥ %	≥%	≥5/16	≥ ¼	≥0
NO CEILING ≥ 20000	55.1 60.2	55.1 60.2	55.1 63.2	55 • ± 60 • 2	55.1 63.2	55•1 62	35 · 1 6 ^ 2	55 · 1 52 · 2	55.1 50.2	55 · 1 6 · 2	55•i 6C•2	55.1 62	55.1 61.2	55.1 60.2	55.1 60.2	55•1 60•2
≥ 18000 ≥ 16000	67.4 58	60 4 6 8	62.4 62.3	60•4 6□•8	62.4 62.8	60.4 60.8	60.4 60.8	60.4 60.8	60.4 60.8	6.4 6.8	6₹•4 6∏•8	63.4 63.8	62.4 65.8	60.4 60.8	60.4 60.8	63•4 63•8
≥ 14000 ≥ 12000	51•1 52•9	61.1 52.9	61.1	61 • i 62 • 9	51.1 62.9	61.1 62.9	61.1	51.1 62.9	61.1 62.9	51.1 62.9	61.1	61.1 62.9	51.1 62.9	51.1 62.9	61.1	51.1 52.9
≥ 10000 ≥ 9000	64•2 64•3	64.2 54.8	64.2 64.9	64.2 64.8	64.2 64.8	54 • 2 54 • 8	64.2 64.8	64.2 64.8	64.2 64.8	64 • 2 64 • 8	64.2 64.8	64.2 54.8	64.2 64.8	64.2 64.8	64•2 64•8	54 • 2 54 • 8
≥ 8000 ≥ 7000	54.8 54.8	64.8 64.8	64.8 54.8	64.8 64.8	64.8 54.8	64.8		64.8 64.8	64.8 64.8	54 • 8 54 • 8	64.8 64.8	64.8 64.8	64.8 64.8	64.8 54.8	64.8 64.8	54.8 64.8
≥ 6000 ≥ 5000	65•2 73•8	65.2 73.9	65.2 73.9	65.2 73.9	65.2 73.9	55•2 73•9		55•2 73•9	65.2 73.9	55•2 73•9	65.2 73.9	65.2 73.9	55.2 73.9	55 • 2 73 • 9	65•2 73•9	65•2 73•9
≥ 4500 ≥ 4000	56.6 9€.3	86.7 93.5	86.7 95.8	86 • 7 9" • 8	86.7 9'.8	86.7 91.8	86.7 91.8	86.7 91.8	85.7 90.8	86 • 7 9 • • 8	86.7 97.8	86.7 92.8	85.7 90.8	86.7 90.8	86•7 90•8	86•7 98
≥ 3500 ≥ 3000	71.2 91.7	91.8		91.9 92.6	91.9	91.9 92.6		91.9 92.6		91.9 92.6	91.9	91.9 92.6	91.9	91.9 92.6	91.9	91.9
≥ 2500 ≥ 2000	93•1 96•5	93.9 97.3	94. 97.4	94 • u 97 • 4	94.3	94•J	94.5 97.4	94.0 97.4	94.G	94 • B	94.0 97.4	94.0	94.0	94.5	94.3	94.C 97.4
≥ 1800 ≥ 1500	95•8 97•4	97.7 98.9	98.1 99.4	98.5 99.4	98.0 99.4	98.2 99.4		98.5	93.3 99.4	98.L	98.0 99.4	98 • i	98.7	98 • ¹	98.0 99.4	98•U 99•4
≥ 1200 ≥ 1000	37.7 27.7	99.2 99.2	99.7 99.7		99.7 99.7	99•7 99•7	99.7 99.7	99•7	99.7 99.7	99.7 99.7	99.7 99.7	99.7 99.7	99.7 79.7	99.7 99.7	99•7 99•7	99.7 99.7
≥ 900 ≥ 800	97•7 37•7	99.4	99.8 99.8					99•8 99•8		99.8 99.8	99.8 99.8	99.8 99.8	99.8 99.8	99.8 99.8	99•8 99•8	99•8 99•8
≥ 700 ≥ 600	97•7 97•7	99.4 99.4	99.8 99.8					99.8 97.9	99.8 99.9	99.8 99.9	99.8 99.9	99•8 99•9	99.8 99.9	99.8 99.9	99•8 99•9	99.8 99.5
≥ 500 ≥ 400	57•7	99.4 99.4	99.8 99.8						150.0 100.5	160.0	100.8 138.7	103.9 130.J	130.0 130.0	188.5 .60.0	00.0	150.0
≥ 300 ≥ 200	27.7 97.7		99.8 99.8				99.9 99.9			100.0	100.0	100.3	100.0 135.0	.00.0	100.0 100.0	100.0 100.C
≥ 100	97•7 97•7						99.9 99.9			100.0 175.3		100.0	100.0 130.0		1.	

TOTAL NUMBER OF OBSERVATIONS 93

USAF ETAC JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLE

HONOLULU IAP HI

CEILING VERSUS VISIBILITY |

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

<u> 11659-0853</u>

CEILING							VIS	IBILITY (ST	ATUTE MIL	ES)						
(FEET)	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1%	≥14	≥1	≥ ¾	≥%	≥ ⅓	≥5/16	≥ ¼	≥0
NO CEILING ≥ 20000	52.7 59.2	52.8 59.4	52.5 59.4	52.8 59.4	52.8 59.4	52.8 59.4	52.8 59.4	52.8 59.4	52.8 59.4	52.8 59.4	52.8 59.4	52.8 59.4	52.8 52.4	52.8 59.4	52.8 59.4	52.8 59.4
≥ 18000 ≥ 16000	59.7 57	59.8 60.1	59.€ 50.1	59.8 67.1	59.8 50.1	59.8 63.1	59.8 60.1	59.8 65.1	59.8 60.1	59.8 63.1	59.8 60.1	59.8 60.1	59.8 63.1	59.8 61.1	59.8 60.1	59•8 60•1
≥ 14000 ≥ 12000	61.1 53.3	61.2 63.4	61.2 63.4	51.2 63.4	61.2 63.4	51.2 53.4	51.2 53.4	51.2 53.4	51.2 53.4	61.2 63.4	51.2 63.4	61.2 63.4	61.2 63.4	61.2 63.4	61.2 63.4	51.2 53.4
≥ 10000	54.5 55.6	54.6 55.7	54.6 55.7	64.6 65.7	64.6 55.7	64.5 65.7	64.5 55.7	64.6 65.7	64.6 65.7	64.5 65.7	64.6 55.7	64.6 65.7	64.6 65.7	64.6 65.7	64.6 65.7	64•6 65•7
≥ 8000 ≥ 7000	55.6 55.6	65.7 65.7	65.7 65.7	55.7 65.7	65.7 65.7	65.7 65.7	65.7 65.7	65.7 65.7	65.7 65.7	55•7 65•7	65.7 65.7	65.7 55.7	65•7 65•7	65•7 55•7	65.7 55.7	55•7 55•7
≥ 6000 ≥ 5000	56 • 1 75 • 1	66.2 75.4	66.2 75.4	66 • 2 75 • 4	66•2 75•4	66 • 2 75 • 4	66 • 2 75 • 4	56•2 75•4	56 • 2 75 • 4	66•2 75•4	66.2 75.4	66.2 75.4	66 • 21 75 • 4	66.2 75.4	66.2 75.4	56•2 75•4
≥ 4500 ≥ 4000 ≥ 3500	\$7.3 93.4	87•8 91•	87.8 91.1	87.8 91.1	87.8 \$1.1	87.6 91.1	87.8 91.1	87.8 91.1	87.8 91.1	87.8 91.1	87.8 91.1	87.8 91.1	87 • 8 91 • 1	87.8 91.1	87.8 91.1	87.8
≥ 3000	91.3	92.8	92.9	92.2	92.2	92.2	92.2	92.2 93.1	92.2	92.2	92.2 93.1	92.2 93.1	92.2 93.1	92•2 93•1	92.2	92.2
≥ 2000	92.9 96.3	93.8 97.2 97.6	94.	94 • L 97 • 4	94.1	94 • i 97 • 5	94.2 97.5	94•2 97•7	94.2	94.2 97.7	94.2	94.2	94.2	97.7	94.2	94.2
≥ 1500	96.7 96.7	98.3 98.3	97.8 98.6 98.7	98.0 98.8 99.1	98.9 98.9	98 • 2 99 • 1	98.3 99.1 99.6	98.4 99.2 99.7	98 • 4 99 • 2 99 • 7	98.4	98.4	98 • 4 99 • 2	99.4	98•4 99•2	98.4 99.2	98.4
≥ 1000	96.7 96.8	98.3 98.4	98.7	99.1 99.2	99.4	99.5	99.8 99.8	99.8	99.8 99.9	99.7 99.8 99.9	99.7 99.8 99.9	99.7 99.8	99.7 99.8		99.7 99.8	99.7
≥ 800	96.8	98.4 98.4	98.8	99.2	99.5 99.5	99.6	99.8	99.9	99.9	99.9	99.9 99.9	99.9 99.9	99.9 99.9		99.9	9.9
≥ 600	96 8 95 8	98•4 98•4	98.8	99.2 99.2	99.5	99.6 99.6	99.9	ניסכו	100.0	100.0	100.0 100.0	100.0	106.0	تمون	100.0	nnen
≥ 400	96 B	98.4 98.4	58.8	99.2 99.2	99.5 99.5	99.6 99.6	99.9	100.0	130.0	130.0	100.0 100.0	00.6	103.0	non.n	חיטוי	00.0
≥ 200	96.8 96.8	98.4	98.8	99.2 99.2	99.5 99.5	29.6	99.9	1.00.0	100.0	100.0	100.0	100.0	100.0	169.6	100.0	00.0
≥ 0	96.8	98.4	98.8	99.2	99.5	99.6	99.9				100.0					

TOTAL NUMBER OF OBSERVATIONS 931

USAF ETAC JUL64 0-14-5 (OL A) MEVIOUS EDITIONS OF THIS FORM ARE OBSCIETI

CEILING VERSUS VISIBILITY

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HONOLULU IAP HI

71-80

- YAY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

3967-110G

CEILING							VIS	IBILITY (ST	ATUTE MIL	ES)						
(FEET)	≥10	≥6	≥ 5	≥ 4	≥3	≥2⅓	≥2	د∜ا≤	≥1¼	≥1	≥ 34	≥%	≥ ⅓	≥ 5/16	≥¼	≥0
NO CEILING ≥ 20000	53.3 61.4	53.3 61.4	53.3 51.4	53.3 61.4	53.3 61.4	53.3 61.4	53.3 61.4	53.3 51.4	53.3 61.4	53.3 61.4	53.3	53.3 61.4	53.3 61.4	53.3 61.4	53.3 61.4	53.3 51.4
≥ 18000 ≥ 16000	61.7 62.2	51.7 62.2	61.7 62.2	61.7 62.2	61.7 62.2	51.7 52.2	61.7 62.2	61.7 52.2	61.7 62.2	61.7 52.2	51.7 52.2	51.7 52.2	61.7	61.7 62.2	61.7 62.2	51.7 52.2
≥ 14000 ≥ 12000	63.	63.: 67.1	63•: 67•1	63.8 67.1	63.0 67.1	63.J 67.1	63.0 67.1	63.2 67.1	53.€ 67.1	63.0 67.1	63.0 67.1	63.0 67.1	63.0 67.1	63.0 57.1	63.0 67.1	63.0 67.1
≥ 10000	69.5	69.5 71.2	69.5 70.2	69.5 75.2	69.5	69.5 77.2	59.5 73.2	69.5 70.2	69.5 70.2	69.5 70.2	69.5 70.2	69•5 70•2	59.5 70.2	59.5 78.2	69.5 70.2	77.2
≥ 8000 ≥ 7000 ≥ 6000	70.2	73.2 73.2	73.2	73.2	7.02	73.2 73.2	70.2 70.2	70.2 70.2	70.2 73.2	70.2	70.2 70.2	73.2 70.2	73.2	70.2 70.2	70.2 70.2	70.2
≥ 6000 ≥ 5000 ≥ 4500	71 • 1 3 · • 5 9 · • 3	71.2 34.9 92.6	71.2 86.9	71.2 83.9 93.6	71.2 85.9 90.6	71.2 81.9 94.6	71.2 80.9 90.6	71.2 80.9 90.6	71.2 83.9 90.6	71.2 80.9 90.5	71.2 80.9 98.5	71.2 83.9 93.6	71.2 81.9 95.6	71.2 80.9 90.6	71.2 80.9 90.6	71.2 80.9 90.5
≥ 4000 ≥ 3500	51.9 12.6	92.5 93.2	92.5 93.2	92.6 93.2	93.2	92.6 93.2	92.5	90.6 93.2		92.6 93.2	92.6 93.2	92.6 93.2	92.5 93.2	92.6 93.2	92.6 93.2	92.5 93.2
≥ 3000 ≥ 2500	93.2 24.3	94.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 2000 ≥ 1800	95.8 96.3	96.7 97.3	96.7 97.3	96.7 97.3	96 8 97 4	96.9 97.5	97.3 97.6	97.6	97.0		97.0 97.6	97.0 97.6	97.0 97.6	97.0 97.6	1	1 1
≥ 1500 ≥ 1200	96.7 96.7	97.8 98.1	98.3 98.2	98.E 98.2	98.1 93.4	98.4 98.7	98.6 99.0	98.7 99.1	98.7	98.7 99.2	98.7 99.2	98.7 99.2	98.7 99.2	98.7 99.2	98.7 99.2	98.7 99.2
≥ 1000 ≥ 900 ≥ 800	96 • 8 96 • 8	98.5 98.5	98.6		98.9 98.9	99.2	99.5 99.5	99.7 99.7	99.8 99.8	99.8 99.8	99.8 99.8	99.8 99.8	99.8	99.8 99.8	99.8	99.8 99.8
≥ 800 ≥ 700 ≥ 600	96∙8	98.5 98.5	98.5 98.5		98.9 98.9	99.2 99.2	99.6 99.6	99.7	99.8 99.8	99.8	99.8 99.8		99.8 99.8	99.8	99.8	99.8
≥ 500 ≥ 400	96.8	98.5 98.5	98.6		98.9 98.9	99.2	99.6 99.7				99.9 100.0			r		
≥ 300 ≥ 200	96.8 96.8	98.5 98.5 98.5	98.6	98.7	98.9 98.9	99.2	99.7 99.7		100.0 100.0		100.0	100•0 100•0	100.0	T " T " T		00.3 00.0
≥ 100 ≥ 0	96 • 8 96 • 8	98.5 98.5	93.6	98.7	98 .9	99.2		99.8	160.0	100.0	100.0	100.0	W-W-W-W-		100.0	

TOTAL NUMBER OF OBSERVATIONS 93

USAF ETAC 10EM 0-14-5 (OL A) MEVIOUS EDITIONS OF THIS FORM ARE OBSOLE

CEILING VERSUS VISIBILITY

STATION HONOLULU JAP HI STATION NAME

71-80

1200-1400

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING	1						VIS	SIBILITY (ST	ATUTE MIL	LES)						
(FEET)	≥10	≥6	≥ 5	≥4	≥3	≥2¹2	≥ 2	≥1%	≥114	≥1	≥ 3,4	≥ ¼	≥ 1/2	≥5 16	≥ ¼	≥.
NO CEILING ≥ 20000	53.1	53.2	53.2	53.2 51.9	53.2					·			53.2			<u> </u>
≥ 18000 ≥ 16000	62.2 52.3	52.3 62.4	62.3	62.3	61.9 62.3 52.4	62.3	61.9 62.3	52.3	62.3	62.3	62.3	62.3	61.9 62.3	61.9 52.3		
≥ 14000 ≥ 12000	52.9 65.1	83•1 66•2	63.7 65.2	63.5	63.5	63.0	63.£	63.0	53.0	63.ü	63.0	53.0	62.4 63.0	62.4 63.J	62.4 63.0	
≥ ₹0000	58•4 69•7		68.5	68.5	69.5	68.6	66.3 68.5 58.9	58.6	63.5		68.7	68.7	66.3	56.3 68.7	66.3 68.7	
≥ 8000 ≥ 7000	65.8 68.9	68.9 69.0	58.9		68.9 69.0	69.t	69.0	69.5 69.1		69.1	69.1		69.1	69.1	69.1	69
≥ 6000 ≥ 5000	70.5 \$3.9	70.2 81.1	70.2 81.1	7J.2	70.2 91.1	70.3	70.3	71.3 81.2	70.3	74.4		70.4		79.4	70.4	
≥ 4500 ≥ 4000	38.8 39.4	89.5 91.2	89.6 91.3	89.6 91.3	89.6		89.7		81.2 89.7 91.5	89.8		89.3		89.8		89
≥ 3500 ≥ 3000	91.9 51.6	91.5	91.7	91.7 92.5	91.8	91.9	91.9	91.9	91.9		91.6	92.0	27 0	22 0	92.0	^-
≥ 2500 ≥ 2000	93.5 95.6	94.4 96.6	94 • 5 95 • 7	94.5 96.7	7400	7401	74 + 11	94.71	94.71	94.8 97.0	94.8	94 - 21	on al	on al	01. 0	A 4.
≥ 1800 ≥ 1500	96.3 96.9	97.5 98.0	97.5 93.1	97.6 98.1	97.7 92.2	71.0	91.8	98 • U	93.0	98•1	98.1	98.1	98.1	98 • 1	98 • 1	98
≥ 1200 ≥ 1000	97.0 97.0	98.4 98.5	98.6 98.7	98.7	^ê•7 98•8	98.9	99.2			99.5	99.5		99.5	98.8	99.5	99
≥ 900 ≥ 800	97.1	98•5 98•5	98.7 98.8		98.8 99.0			99.6	99.5	99.7	99.7	99.7	99.7		99.7	99
≥ 700 ≥ 600	97.1	98.6 98.5	98.8	98.8	99.0 99.0	99.2	99.7	99.8	99.3	99.9	99.9	99.9	99.9	99.5	99.9	90
≥ 500 ≥ 400 ≥ 300	97.1		98.8	98.8		99.2	77 • 1	99.9	99.91	00.01 00.01	nn ann	00. ah	ווח בחה	an all	nn - ak	05
≥ 200	97.1		98.8	98.8	5200	99.2	99.7	99.91	99.90	00.01 00.01	an rh	aa ah	aa nk	an ak	an ak	19.50
≥ 100 ≥ 0				98.8 98.8	· • • • • • • • • • • • • • • • • • • •	77.2	> 7 • 1	77.7	77.71	10 • 00	00.01	00.DL	00.04	70.0k	រាកភាម	0.3

TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

17526

HONOLULU IAP HI

71-87

- HAGA

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

15,43-1700

CEILING							VIS	IBILITY (ST	ATUTE MIL	ES)						
(FEET)	≥10	≥6	≥5	≥4	≥3	≥2%	≥ 2	≥1%	≥14	21	≥ ¾	≥ ¼	≥ 15	≥ 5/16	≥ ¼	≥0
NO CEILING ≥ 20000	53.1 51.8	53.1 61.9	53.1	53.1 61.9		53.1 51.9	53 • 1 61 • 9	53.1 61.9	53.1 61.9	53.1 61.9	53.1 61.9	53.1 61.9	53.1 61.9	53•1 61•9	53.1 61.9	53.i
≥ 18000 ≥ 16000	62.2	62.3 62.3	62.3	62.3 62.3	62.3 62.3	62.3 62.3	62.3 52.3	62.3 62.3	62.3	52.3 52.3	62.3	62.3	62.3	62.3	62.3 62.3	62•3 52•3
≥ 14000 ≥ 12000	£3.3	63.4 66.3	63.4 66.3	63.4 66.3	63.4 66.3	63.4 56.3	63.4 66.3	53.4 55.3	63 • 1 66 • 3	53.4 66.3	63 • 4 56 • 3	63.4 66.3	63.4 65.3	63.4 66.3	63.4 65.3	63.4 66.3
≥ 10000 ≥ 9000	59.1 70.2	69.2 73.3	69•2 71•3	69.2 70.3	69.2 77.3	69.2 711.3	69.2 73.3	59.2 73	69 • 21 73 • 3	59.2 70.3	69 • 2 73 • 3	69.2 73.3	69.2	69.2	69.2 70.3	59.2 70.3
≥ 8000 ≥ 7000	73.2 73.3	70.3 73.4	79.3	70 • 3 7: • 4	70.3 74	79.3 70.4	70.3 70.4	70.3 70.4	70.3 70.4	70.3 73.4	70.3 70.4	70.3 70.4	70.4	70.4	70.3 70.4	75.3 75.4
≥ 6000 ≥ 5000	11.2 52.5	71.4 82.7	71.4 82.7	71.4 32.7	71.4 82.7	71.4 82.7	71.4 82.7	71.4	71.4 82.7	71.4 82.7	71.4	71.4 82.7	71.4 82.7	71.4 82.7	71.4 82.7	71.4 82.7
≥ 4500 ≥ 4000	89.2 92.9	89.6 93.3	89.5 93.3	89.6 93.3	89.6 93.3	89.6 93.3	89.6 93.3	89.6 93.3	89.6 93.3	89.6 93.3	89.6 93.3	89.6 93.3	89.5 93.3	89.6 93.3	89.6 93.3	89.6 93.3
≥ 3500 ≥ 3000	೨3∙8 94∙8	94.3 95.5	94.3 95.6	94.3 95.6	94.3 95.6	94.3 95.6	94.3 95.6	94.3 95.6	94.3 95.6	94•3 95•6	94•3 95•6	94.3 95.6	94 • 3 95 • 6	94.3 95.5	94 • 3 95 • 6	94•3 95•6
≥ 2500 ≥ 2000	55.9 95.8	96.6 97.5	96.7 97.5	96.7 97.6	96 .7 97 . 6	95.7 97.6		96.7 97.6	96•7 97•6	96•7 97•6	96.7 97.6	96.7 97.5	96 • 7 97 • 5	96•7 97•6	96.7 97.6	96.7 97.6
≥ 1800 ≥ 1500	97.5	98.6		98.4 98.7	98.4 98.7	98.4 98.7	98.5 98.8	98•5 98•6	98•5 98•5	98.8	98•5 98•8	98•5 98•8	98.5 98.8	98•5 98•8	98•5 98•8	98.3
≥ 1200	97.7 97.7	98•8 98•8	99.0	99.2 99.2	99.5	99.5	99.8	99.7 99.8	99•7 99•8	99.7 99.8	99.7	99.7 99.8	99.7 99.8	99.7 99.8	99.7 99.8	99•8 99•9
≥ 900 ≥ 800	97.7 97.7	98.8 98.8		99.2	99.5	99.5 99.5	99.8 99.8	99.8 99.8	99•8 99•8	99.8	99.8 99.8	99.8 99.8	99.8	99.8 99.8	99.3 99.8	99.9
≥ 700 ≥ 600	97.7 97.7	98 • 8 98 • 8		99.2			99.8	99.8 99.8	99•8 99•8		99.8 99.8	99.8 99.8	99.8	99.8 99.8	99.8	99.9
≥ 500 ≥ 400	97.7	98.8 98.8		99.2	99.5	99.5 99.5	99.8	99.8	99.8 99.8	99.8	99.8 99.8	99.8	99.8	99.8	99.8	130 E
≥ 300	97.7 97.7	98 • 8 98 • 8		99.2	99.5			99.8	99.8 99.8	99.8	99.8	99.8	99.8	99.8	99.9	100.0 30.0
≥ 100	97.7	98.8	1	99.2 99.2		99.5 99.5		99.8 99.8	99.8 99.8		99.8 99.8	99.8 99.8	99.8 99.8	99.8 99.8	99.9	00.0

TOTAL NUMBER OF OBSERVATIONS

LISAE FTAC HILAA 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLE

930

CEILING VERSUS VISIBILITY

HONOLULU IAP HI

71-8'

1800-2500

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)							VIS	IBILITY (ST	ATUTE MIL	ES)						
(125)	≥10	≥6	≥5	≥4	≥3	≥25	≥ 2	≥1%	≥1'6	≥:	ک کے	≥ ¾	≥ 1/2	≥ 5-16	2 1/4	≥0
NO CEILING ≥ 20000	55.3 62.7	55.4 52.3	55.4 62.8	53.4 62.8	55.4 62.8	55.4 52.8	55.4 62.8		55.4 62.8	55.4	55.4	55.4	55 • 4 62 • 8	55.4	55.4	55.4 52.8
≥ 18000 ≥ 16000	53.7	63.8	63.8	63.8	63.8 64.6		63.8	63.8	53.8	53.8 64.6	53.8 64.6	63.6 64.6		63.8	63.8	
≥ 14000 ≥ 12000	65.5 67.5	65.5	65.5 67.5		65.6	65.6	65.6	65.6	65.6		65.6	55.6 67.6	65.6 67.6	65.6 67.6	65.5 67.5	
≥ 10000 ≥ 9000	73.4	70.5	77.5	70.5	7 '•5	7C.5	77.5	76.5			70.5	70.5	72.5	70.5	70.5	
≥ 8000 ≥ 7000	71.9	72.	72.	72.E	72.0 72.0	72.0	72.0	72.0			72.0	72.0			72.0	72.0
≥ 6000 ≥ 5000	72.5	72.6	72.5	72.6	72.6			72.5	72.6		72.5	72.5		72.5		72.6
≥ 4500 ≥ 4000	89.1	89.5 22.6	89.5	89.5	89.5	89.5 92.6	89.5	89.5			89.5	89.5 92.6	89.5	89.5	89.5	89.5
≥ 3500 ≥ 3000	73.2	93.7	93.7	93.8	93.8 95.5	93.8	93.8	93.8	93.8		93.8		93.8 93.5	93.8 95.5		
≥ 2500 ≥ 2000	95.6	96.	96.5	96 • 1 97 • 7	96.1 97.7	96.1		96.1	96.1	96.1 97.7	96.1	96.1 97.7	96.1	96.1	95.5 96.1	95.5 96.1
≥ 1800 ≥ 1500	97.4	98.4	98.7	98.9	98.9	98.9	99.3	ن. 99	99.0	99.0	99.0	99.3	99.0	97.7	99.0	97.7 99.0
≥ 1200 ≥ 1000	97.4	98 · 8		99.5	99.5	99.5	99.5	99.6	99.5		99.6 99.5	99.5	99.6	99.5	99.5	99.6
≥ 900 ≥ 800	97.4	98 · 8	99.2	99.5	99.5	95.7	99.8	99.9	99.9		99.9	99.9	99.9	99.9	99.9	
≥ 700 ≥ 600	97.4	98.5	99.2	99.5	99.5	99.7	99.3	99.9	99.9	99.9	99.9			99.9 99.9	99.9	99.9
≥ 500 ≥ 400	97.4	98.8	99.2	99.6	99.6	99.8	99.9	130.0	100.6	166.6	100.0	100.9	160.0	100.0	100.0	100.0
≥ 300 ≥ 200	97.4	98.8	99.2	99.6	99.6	99•8	99.9	130.0	130.0	193.0	150.0	100.0	100.0	100.0	100.0	100.0
≥ 100 ≥ 0	97.4	98.8	99.2	99.6	99.6		99.9	ن ون 10	150.0	100.0	160.0	103.0	100.0	103.0	00.0	130.5
لــــــل	97·H	98.8	99.2	99.6	99.6	29.8	99.9	100.0	100.6	100.0	100.0	100.0	<u> ខេត</u> ្ត	المعتدانا	100-0	لتعسقا

TOTAL NUMBER OF OBSERVATIONS 93

USAF ETAC TOTAL 0-14-5 (OL A) MEVIOUS EDITIONS OF THIS FORM ARE DESCRE

3484

643

دره درمها

CEILING VERSUS VISIBILITY

HONOLULU TAP HI

71-80

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2177-2350

CEILING				·			VIS	BILITY (ST	ATUTE MILI	ES)						
(FEET)	≥10	≥6	≥5	≥4	≥3	≥2/2	≥2	≥1%	≥11%	≥1	≥ 1,4	≥"	≥ "י	≥5/16	≥ %	≥0
NO CEILING ≥ 20000	59. 04.2	57.3 54.2	59.: 64.3	59.1 64.3	59.1 64.3	59•1 64•3	59.1 64.3	59•1 54•3	59.1 64.3		59.1 64.3	59.1 64.3	59.1 64.3	59•1 64•3	59.1 64.3	59•1 54•3
≥ 18000 ≥ 16000	54.5 55.4	54.5 65.4	64.5 65.5	54.6 65.5	64.6 65.5	54•6 55•5	64.6 65.5	54.6 55.5	64.6 65.5	64.5 65.5	64.6 65.5	64.6 65.5	64 • 6 65 • 5	64.6 65.5	64.6 65.5	64.6 65.5
≥ 14000 ≥ 12000	56 • 1 • 8 • 1	56.1 58.2	66.2 68.3	56•2 68•3	66•2 68•3	65•2 63•3	56 • 2 58 • 3	66•2 68•3	66.2 58.3	56.2 58.3	66.2 68.3	56.2 63.3	66.2 68.3	66•2 68•3	66.2 68.3	56.2
≥ 10000 ≥ 9000	71.0 72.2	71.1 72.3		71.2 72.4	71.2 72.4	71.2 72.4	72.4		73.2 12.4	72.4	72.4	71.2 72.4	72.4	72.5	71.2 72.4	
≥ 8000 ≥ 7000	72.6 72.6	72.7 72.7	72.8		72.8	72.8	72.8	72.8		72.8	72.3	72.8 72.8	72.8 72.8	72.8	72.3 72.8	
≥ 6000 ≥ 5000	72.8 78.5	72.9 78.5	73.1 78.7	73.0 73.7	78.7	78.7	78.7	78.7	73.0 78.7	78.7	78.7	73.0 78.7	78.7	78.7	73.7	
≥ 4500 ≥ 4000	86.5 89.9	86.7	86.8 9".2	86.8	9.3	95.3	90.3	9:43	90.3	تمتع	20.3	90.3	93.3	20.3		97.3
≥ 3500 ≥ 3000	71.4 22.9	91.7 93.2	93.4	91.9 93.4	93.7	92•U 93•7	93.7	23.7	93.7	93.7	-7-7-8-1	93.7	23.7	93.7	93.7	93.7
≥ 2500	96.6		37.4	95.2 97.5	95.4 97.7	95.4 97.7	97.7	07.7	95.4 97.7	97.7	97.7	95•4 97•7	97.7	95.4 97.7	95.4 97.7	97.7
≥ 1800 ≥ 1500 ≥ 1200	37.5	98.3 98.7	98.4	99.2		78.7 99.5	99.5	99.5	98.7 99.5	99.5	99.5			99.5	99.5	99.5
≥ 1000	97.6 97.6	98.9	99.5	99.7	99.9		100.0	100.0		106.0	100.0		معون			מפננו
≥ 900 ≥ 800 ≥ 700	97.6	98.9 98.9 98.9	99.5 99.5	99.7 99.7 99.7	99.9 99.9		100.0	150.0	156.5	ויים וווי	100.0 100.0	0.00	0 و النا	تعاليا		00.0
≥ 500	97.6 97.6			99.7			: 00.0	:	10001	105.6	100.0	100.0	0.00	100.0 100.1	00.0	00.5
≥ 400	57.6 57.6	98.9	99.5		1	99.9	100.0	100.0 100.0	130.0	100.0	1.00.0	23.0	2.2.2	1.00	00.0	00.0
≥ 200	\$7.6 \$7.6	98.9	99.6	99.7	99.9	99.9	:00.0	123.0	100.0	00.0	100.0	100.0	10.0	بعائل	ن وال	Cuell
≥ '00			99.5	(,					F	130.0			00.0		

TOTAL NUMBER OF OBSERVATIONS 9

USAF ETAC NI 64 0-14-5 (OL A) MEVIOUS EDITIONS OF THIS FORM ARE DESOLET

CEILING VERSUS VISIBILITY |

HONOLULU TAP HI

71-85

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOURS IL ST

CEILING							VIS	IBILITY (ST.	ATUTE MIL	ES:			 -			
(FEET)	≥10	≥6	≥ 5	≥4	≥3	≥2%	≥ 2	≥1½	≥114	≥1	≥ 1,4	≥ >4	≥ 1⁄2	≥ 5-16	≥ ¼	≥0
NO CEILING ≥ 20000	54.8 61.6	55.8 61.7	54.8 51.7	54.8 61.7	54.8 51.7	54.8 51.7	54.8 61.7	54.8	54.8	54.8 61.7	54.8	54.8	54.8	54.8	54.8 61.7	54.8
≥ 18000 ≥ 16000	62.E	62.5 52.5	62.1 62.5	62 •1	52.1 62.5	52 • 1 62 • 5	62.1 62.5	62.1 62.5	62.1 62.5	62.1 62.5	62.1	52.1 52.5	52•1 62•5	62.1 62.5	62.1 62.5	62.1
≥ 14000 ≥ 12000	63.2 65.7	63.3 65.8	53.3 65.8	63.3 55.8	63•3 65•8	63.3 65.8		63.3 65.8	63.3 65.8	63.3 65.8	63.3 65.8	63.3 65.8	63.3 65.8	63.3 55.8	63.3 65.8	53.3 55.8
≥ 10000 ≥ 9000	\$7.5 55.8	68.5 68.9	68.9		58.7 58.9		68.7 68.9		68.3 68.9	68.7 66.9	68.5	68.0 68.9	68.0 58.9	68.0 68.9	58.0 68.9	58.0 68.9
≥ 8000 ≥ 7000	58.9 63.9	69.0	69.1 69.1	69.0 69.0		69.	69.0 69.0			69.0 69.1	69.1	59.1	69. 69.1	69.3 69.1	69.3 69.1	59.J
≥ 6000 ≥ 5000 ≥ 4500	69.5	69.7 78.5	69.7 78.5	78.5		69.7 78.5	6°•7 78•5	69.7 78.5			69.7 78.5	59.7 78.5	69.7 78.5	69•7 78•5	69•7 78•5	59.7 78.5
≥ 4000 ≥ 3500	88.U 91.0	98.4 91.5		28.4	88.4	91.6	91.6	38.4	91.6	91.6	88.4 91.6	88.4 91.5	58.4 91.6	88.4 91.6	38.4 91.5	88.4 91.6
≥ 3000 ≥ 2500	91.9 92.9 94.2	92.5 93.5	92.6 93.6	92.6 93.7 95.1	93.7	<u>93</u> ~ ,	92.7 93.7	92.7		بمعسب	92.7 93.8	92.7 93.8	92.7	92.7	92.7 93.8	92.7
≥ 2000 ≥ 1800	96.2 96.8	97.1 97.9	97.7	1	95 • 3 97 • 3 98 • 3	95•1 97•4 98•3	97.4	95 • 1 97 • 4 98 • 4	95.1		95.1 97.4	95.1 97.4	95.1 97.4	95•1 97•4		95.1
≥ 1500 ≥ 1200	97.2 97.3	98.5 98.7	98 8 99 0		تعوو	99 4 99 4	99.1	98.4	98.4 99.7 99.6	98.4	98.4 99.2 99.6	98.4	98.4	98.4		
≥ 1000	27.3	98.8 98.8	99.1	99.3	99.4	99.5	99.7	99.8 99.8			99.8	99.5 99.8 99.9	99.6 99.8 99.9	99.5 99.1	27.8	35 4 35 4
≥ 800 ≥ 700	\$7.3 \$7.3	98.8 98.8	99.7	99.4	99.5	99.6	99.9	95.9		99.9	99.9				75 27	29.9
≥ 600 ≥ 500	97.3 97.3	98.8 98.9	99.2 99.2	59.4	99.5 99.5	99.6 99.6	99.8	99.9	99.9	99.9 100.0	99.9	99.9	99.9		الد سنت	
≥ 400 ≥ 300	27.3 57.3	98.8 98.8	99.2		99.5 99.5	99.6 99.6	99.9	99.9	130.0		100.0	100.0	100.1		no.	100.0
≥ 200	97.3	98.8 98.8	99.2 99.2		99.5 99.5	99.6 99.6	59.9	99.9	1::0.6	100.0	100.0	100.0	130.0	0.0	100.0	LOGAU
i_ <u>≥</u>	97.3	98.8	99.2	59.4	99.5	99.6	99.9			100.0		CC			an n	

TOTAL NUMBER OF OBSERVATIONS

744

USAF ETAC HILLAS 0-14-5 (Ot. A) PREVIOUS EDITIONS OF THIS FORM ARE DESCRIP

CEILING VERSUS VISIBILITY |

11831

HONOLULU IAP HI

<u>71-87</u>

EE3

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

<u> - 1000 - 1200 -</u>

CEILING			_				VIS	IBILITY (ST.	ATUTE MIL	ES)						
(FEET)	≥10	≥6	≥5	≥4	≥3	≥2%	≥ 2	21%	≥1%	≥1	≥ 14	≥ %	≥ 17	≥5/15	≥ ¼	≥0
NO CEILING ≥ 20000	. • . . 3 • 3	63.5 63.3	67.1 63.7	67.3 63.3	67.3 63.3	60.3 63.3	69.3 63.3	50 • 7 63 • 3	68•0 63•3	60.3 53.3	60.3 63.3	6J•J 63•3	5 · • 3 53 • 3	63.3	60.n 63.3	63.3 63.3
≥ 18000 ≥ 16000	53.3 c3.3	53.3 63.3	63.3 63.3	63.3 63.3	53.3 63.3	53.3 63.3	63.3 63.3	53.3 63.3	63.3	63.3 63.3	63.3	53.3 63.3	63.3	63.3 63.3	63.3 63.3	63.3
≥ 14000 ≥ 12000	:3.5 :4.7	63.5 64.7	63.5 64.7	53.5 64.7	63.5	63.5 64.7	63.5 64.7	53.5 54.7	53.5 54.7	53.5 64.7	63.5 64.7	63.5 64.7	63.5 64.7	63.5 64.7	63.5 64.7	63.5 64.7
≥ 10000 ≥ 9000	£5.4 	55.5 65.8	65.5 65.3	65.5 65.8	55.5 65.8	55.5 55.8	65.5 65.8	65.8	65.5 65.8	65.5 55.8	65.5 65.8	65.5 65.8	55.5 65.8	65.5 65.3	65.5 65.8	65.5
≥ 8000 ≥ 7000	55.1 65.1	66.3	66.3 56.3	66.3 65.3	56.3 66.3	15.3	66.3 66.3	66.3 66.3	56 • 3 56 • 3	56.3 66.3	66 • 3 65 • 3	66.3 66.3	55.3 56.3	56.3 66.3	56.3 66.3	56.3 66.3
≥ 6000 ≥ 5000	06.2 74.	55.4 74.2		66.4 74.2	66.4 74.2	66.4 74.2	66 • 4 74 • 2	56 • 4 74 • 2	66 • 4 74 • 2	65.4 74.2	66.4 74.2	65.4 74.2	65.4 74.2	66.4 74.2	55.4 74.2	66.4 74.2
≥ 4500 ≥ 4000	88.1 91.8	88.3 91.3	88.3 91.5	88.3 91.5	98.3 91.5	88.3 91.5	88.3 91.5	88.3 91.5	88.3 91.5	86.3 91.5	88.3 91.5	88.3 91.5	88.3 91.5	88.3 91.5	83.3 91.5	\$8.3 9.5
≥ 3500 ≥ 3000	91.8	92.2	92.5 92.8	92.5 92.8	92.5 92.8		92.5 92.8	92.5 92.8	92.5 92.8	92.5 92.8	92.5 92.8	92.5 92.8	92.5 92.8	92.5 92.3	92.5 92.8	92.5 92.8
≥ 2500 ≥ 2000	94.9 77.2	95.5 98.2	95.8 98.5	95•8 98•5	95.8 98.5	95.8 98.5	95.8 98.5	95.8 98.5	95.8 98.5	95•8 98•5	95.8 98.5	95.8 98.5	95.8 98.5	95.8 98.5	95.3 98.5	95.8 98.5
≥ 1800 ≥ 1500	47.2	98.4 99.1	98.7 99.5	98•7	98.7 99.5	08.7 99.5	98.7 99.5	98.7 99.5	98•7 99•5	98.7 99.5	98.7 9 9. 5	98.7 99.5	98.7 99.5	98.7 99.5	98.7 99.5	98•7 99•5
≥ 1200 ≥ 1000	98.1 98.4	99.3 99.5		99.8 100.0	99.8			99•8 188•8	99.8 1.0.0	99.3 107.3	99.8	99.8	99.8 []].[]	8.99 تىرن	99.8	99.8
≥ 900 ≥ 800	8•ti 	99.5 99.5		100.L	100.0 160.0		100.0	196.0 176.0	150.0 1.0.0	100.0	133.3	103.5	153.0 153.0	100.0 100.1		100.C
≥ 700 ≥ 600	98.4 98.4	99.5 99.5		190.3 190.0	193.0 199.0	100.0 100.5	130.0 130.0	100.0	130.0 130.0		180.8 188.8	100.0 100.0	0.001	00.5		100.3 30.0
≥ 500	98.4 98.4		100.0	100.0		100.0 100.0	100.0 107.0	100.0 100.6		100.3 100.3	100.0 1.0.5	100.0	1.3.9 153.8	130.U 100.J	0.001 0.001	
≥ 300 ≥ 200	५8•4 ≎8•4	99.5	100.0	100.0	100.0	100.0	100.3 100.3	100.0	100.0	100.0	100.5	ion.J	1.3.6	100.3	un. 2	
≥ 100 ≥ 0	78.4 98.4	99.5 99.5		100.0 193.0			130.0 100.0				100.0 100.0	100.0 103.0	1:0.0 1:0.0			L - 1

TOTAL NUMBER OF OBSERVATIONS 849

USAF ETAC JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

HONOLULU IAP HI

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING				·			VIS	BILITY (ST	ATUTE MILI	ES)						
(FEET)	≥10	≥6	≥5	≥4	≥3	≥2⅓	≥ 2	≥1%	≥14	≥1	≥ 1,4	≥ ¾	≥ '5	≥5/16	≥ ¼	≥0
NO CEILING ≥ 20000	58.8	58.8 52.1	58.8 52.1	56.8 62.1	58.8 52.	58.8 52.1	58.8 52.1	58 • 8 52 • 1	58.8	58.8 62.1	58.8	58.8 52.1	58.8 62.1	58.8 62.1	58.8 62.1	58.8
≥ 18000 ≥ 16000	62.1 62.1	62.1 52.1	62.1 62.1	62.1 62.1	62.1 62.1	52.1 52.1	52.1 62.1	52.1 62.1	62.1	62.1 52.1	52.1 62.1	62•! 52•!	52.1 52.1	62.1 62.1	62.1 62.1	62.1
≥ 14000 ≥ 12000	02.4	62.4 63.5	62.4 53.5	62.4 63.6	62.4 63.6	62.4 63.6	62.4 63.5	62.4 63.6	62.4 63.6	62•4 63•6	62.4 63.6	62.4 63.6	62.4 63.6	62.4 53.6	62.4 63.6	52.4 53.5
≥ 9000	54.2 05.2	64.2 55.2	64.2 65.2	64 • 2 65 • 2	64.2 65.2	65.2	64.2 65.2	64.2 65.2		64•2 65•2	64.2 65.2	64•2 65•2	64.2	64.2 65.2	64.2 65.2	54.2 65.2
≥ 8000 ≥ 7000	65.6 65.6	65.5 65.6	65.6 55.6	65.6 65.6		65.6	63.6	55.6 55.6	55.6	65.6 65.6	65.6 65.6	55.6 65.6	65.6 65.6	65.6 65.6	65.6	65.6 55.6
≥ 6000	55•9 74•ε	65.9 74.8		65.9 74.8	65.9 74.8	74.8	74.8	65.9	74.8	65.9 74.8	65.9 74.8	65.9 74.8	55.9 74.8	65.9 74.8	65.9 74.8	
≥ 4500 ≥ 4000 ≥ 3500	84.9 87.7	94.9	9	84.9	97.5	نسو	90.7		90.3	90.0		84.9 90.3	84.9 90.0			
≥ 3000 ≥ 2500	9. • 2 90 • 4	90.4 90.7	9:07	9:04	9:07	2107	90.7		95.4	91.07	90.4	90.4	90.4	90.4	90.4 90.7 92.9	90.4 90.7 92.9
≥ 2000	92.6 95.5 96.9	92.9 96.9 97.6	96.0	_	92.9 <u>96.9</u> 98.0	85.8	96.9	96.9	95.9				92.9 96.9 98.2	92.9 96.9 98.		96.9
≥ 1500	97.5 38.2	98.5 99.3	98.0		98.9	08.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 1000	98.3 78.3	99.4	99.9		1	100.0	100.0	100.11	100.0	100.0	100.0	معدي	100.0	innail	100.0	r
≥ 800	98.3	99.4 99.4	99.9	99.9	1 0.0	تعنيا	100.0	100.0	THE .	100.0	100.0	100.0	ב.פני	20.1	f	no o
≥ 500	98.3 98.3	99.4		99.9							100.3		1.03.0	100.0	100.0	00.0
≥ 300	99.3	99•4 99•4		99.9 99.9							130.0					100.0
≥ 200	78 • 3 78 • 3	99.4				100.0		100.0			100.0	100.0				00.0
≥ 0	58.3	99.4	99.9	99.9	<u> </u>	12 1.0 . 0	#110 • U	100.0	hna.a	100.0	hoo.o	100.0	kna.a	100.0	<u> </u>	<u>kaa.a</u>

TOTAL NUMBER OF OBSERVATIONS,

USAF ETAC JUL 64 0-14-5 (OL A) MEVIOUS ECITIONS OF THIS FO

CEILING VERSUS VISIBILITY

HONOLULU IAP HI

7<u>1-80</u>

--637-3800 Hours (37)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	BILITY (ST	ATUTE MIL	ES)						-
(FEET)	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥14	≥1	≥ ¾	≥ 3/6	≥ 1/2	≥ 5/16	≥ ⅓	≥0
NO CEILING ≥ 20000	57.4 52.7	57.4 52.7	57.4 62.7	57.4 62.7	57.4 62.7	57.4	57.5 62.8	57.5 62.8	57.5 62.8	57.5 62.8	57.5 62.8	57.5 52.8	57.5 62.8	57.5 62.8	57.5 62.8	57.5 52.8
≥ 18000 ≥ 16000	62.8 62.8	62.8 62.8	52.8 52.8	62.8	62.8 62.8	52.8 51.8	62.9 62.9	62.9 52.9	62.9 62.9	62.9 62.9	62.9 62.9	62.9 62.9	62.9 62.9	52.ÿ 62.5	62.9 62.9	62.9 62.9
≥ 14000 ≥ 12000	f 3.6	63.6 64.7	63.5 64.7	63.6 64.7	63.6 64.7	63.5 64.7		63.7 64.8	63.7 64.8	63.7 64.3	53.7 64.8	63.7 64.8	63.7 64.8	63.7 64.8	63.7 64.8	63.7 64.8
≥ 10000 ≥ 9000	55 • 7 56 • 1	55.7 66.1	55.7 66.1	65.7 66.1	65.7 65.1	65.7 66.1		65.8 66.2	65.8 66.2	65.8 66.2	65.8 56.2	55.8 66.2	65.8 66.2	65.8 66.2	65.8 55.2	65.8 56.2
≥ 8000 ≥ 7000	06.5 56.5	66.5 66.5		66 • 5 56 • 5	66.5 66.5	65.5 66.5		56.7 66.7	56.7 65.7	66.7 66.7	56.7 56.7	65.7 66.7	56.7 66.7	66.7 66.7	66.7 66.7	56.7 56.7
≥ 6000 ≥ 5000	67.3 76.8	67.3 76.9		67 • 3 75 • 9			67•4 77•3	67•4 77•D	67.4 77.5	67.4 77.0	67.1 77.5	67.4 77.0	67.4 77.3	67.4 77.0	67.4 77.7	57.4 77
≥ 4500 ≥ 4000	£8.6 52.5	38.7 92.6	92.5	88.7 92.6				83.8 22.7	92.7	58.5 92.7	92.7	92.7	88.8 92.7	88.5 92.7	· .	88.8 92.7
≥ 3500 ≥ 3000	92.8	92.9 93.1	93.1	92.9 93.1	53.1	93.1	93.2	93.1 93.2	93.1 93.2	93.1 93.2	93.1 93.2	93.1 93.2	93.1 93.2	93.1 93.2	93.1 93.2	93.1 93.2
≥ 2500 ≥ 2000	94.6 96.3	94.9	97.5	95 • 1 97 • 5	95•1 97•5		95•2 97•6	95.2 97.6	95.2 97.6	97.5	95•2 97•6	95.2 97.6	97.6	95•2 97•6	95.2 97.6	95.2 97.6
≥ 1800 ≥ 1500	96.7 97.5	98.1 98.9	99.3	98•2 99•3	98•2 99•4	98•2 99•5		99.8	99.8	99.8	98.4 99.8			98.4 99.8	98 • 4 99 • 8	98•4 99•8
≥ 1200 ≥ 1000	97.6	99.1 99.2	99.5	99.4 99.5	99.6		100.0	170.0		الأولانيا	133.0		لتعتشنا	99.9	20.0	02.0
≥ 900 ≥ 800	97.6 27.6	99.2 99.2	99.5	99.5 99.5	99.6		1:0.5	170.0	150.0	0.00	100.0	100.0	53.7	199.3	00.0	130.u
≥ 700 ≥ 600	7.6 97.6	99.2 99.2	99.5	99.5	99.6	99.8	1 :6.0 1 :5.0	173.5	ion.:	173.7	نعتاب	100.0	100.3	100.0	0.0	
≥ 500 ≥ 400	97.6	99.2 99.2	99.5	· · · · · ·	99.6	99.8	1 JO • 3 100 • 7	100.0	130.0	100.7	100.5	:00.0	100.0	100.u	30.3	100.0
≥ 300	97.6				99.6	99.8	:30.0 100.3	170.0	170.0	100.J		. 33.0	117.0	100.0	00.0	
≥ 100 ≥ 0	57.6 57.5	99•2 99•2	99.5	99.5 99.5			100.0 176.3	_								10C.0

TOTAL NUMBER OF OBSERVATIONS_______849

USAF ETAC JUL 64 0-14-5 (OE A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLET

CEILING VERSUS VISIBILITY

-2521

HONOLULU IAP HI

71-80

FF8

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

119110 - 1100 HOURS ((3.0)

CEILING							VIS	IBILITY (ST	ATUTE MIL	ESi						
(FEET)	≥10	≥6	≥ 5	≥4	≥3	≥2⅓	≥2	≥1½	≥1%	≥1	≥ ¾	≥%	≥%	≥ 5/16	≥ ¼	≥0
NO CEILING ≥ 20000	55.9 64.9	56.9 64.9	57.5 65.	57.ü 65.ü	57.0 65.0		57.0 65.0	57.0 55.0	57.0 65.0	57.3 65.0	57.0 65.0	57.0 65.0	57.8 65.9	57.3	57.3 65.3	57.0 55.0
≥ 18000 ≥ 16000	64.9 64.9	64.9 64.9	65. 65.	65 · 5	65.5 65.5	55•↓ 55•	65.0 65.0	65.J	65 • B	65•J	65.3 65.5	65.0 65.0	65.0	65 • ŭ	65.0 65.1	65.0 65.0
≥ 14000 ≥ 12000	65.6 67.5	65.6 67.5	65.7 67.5	65•7 67•6	65.7 67.5	65.7 57.6	65.7 67.6	55.7 57.6	65.7 67.6	65.7 67.5	65.7 67.6	65.7 67.6	65.7 67.6	65•7 67•6	65•7 67•6	65.7 67.6
≥ 10000	69.7 70.4	69.7 70.4	69.8 70.5	69.8 70.6	69.8 70.6	59.8 70.6	69 • 8 7.1 • 6	69.8 73.6	69.8 70.6	69.8 70.6	69.8 71.5	59.8 70.6	69.8 70.6	69.8 75.6	69.8 70.6	59.8 70.5
≥ 8000 ≥ 7000	70.7	70•7 70•8	70.9 70.9	70.8 70.9	70.8 70.9	70.8 70.9	70.8 70.9	70.8 70.9	70.8 70.9	7ù∙8 7⊔∙9	70.8 70.9	70.8 71.9	70.8 71.9	70.8 70.9	70.8 70.9	74.8
≥ 6000	72.4 87.1	72.4 80.1	72.5 85.2	72.6 8:.2	72.5 81.2	72.6 83.2	72•6 80•2	72.6 2.2	72.6	72.6 80.2	72.6 80.2	72.6 83.2	72.6 80.2	72.5 80.2	72.6 81.2	72.6 8 1.2
≥ 4500 ≥ 4000 ≥ 3500	88.3 92.	38.5 92.7	83.7 92.8	88.7 92.8	88.7 92.8	88.7 92.8	88.7 92.8	88.7 92.8	88.7 92.8	88•7 92•8	88.7 92.4	88.7 92.8	89.7 92.8	88.7 92.8	88.7 92.8	88.7 92.8
≥ 3000	92.7	93.4 94.7	93.5 54.8	93.5 94.6	93.5 94.8	94.8	93.5 94.8	93.5 94.8	93.5 94.8	93.5 94.8	93.5	93.5 94.8	93.5 94.8	93.5 94.8	93.5 94.8	93.5 94.8
≥ 2500 ≥ 2000 ≥ 1800	95.3 96.9	96.1 98.2	96•2 98•4	96 • 2 98 • 4	96.2 98.4		96 • 2 98 • 4	96.2 98.4	96.2 98.4	96•2 98•4	96.2 98.4	96.2 98.4	96.2 98.4	96 • 2 98 • 4	96.2 98.4	96.2 98.4
≥ 1800 ≥ 1500 ≥ 1200	97.5 97.6	98.9 99.2	99.1	99•2 99•4	99•2 99•4	99•2 99•4	99.4	99•2 29•4	99.2	99.3 99.5	99.3	99.3	99.3	99.3 99.5	99.3 99.5	99.5
≥ 1000 ≥ 900	97.8	99.3 99.3	99.5 99.5	99.8 99.8	99.8 99.8	99.8	99.9	99.9	99.9	126.0	LODAC	130.0 130.0	بمعص	لتممف	يا ماريا	2000
≥ 800 ≥ 700	97.8 97.8	99.3	99.5 99.5	99.8	99.8 99.8	99.8	99.9	99.9	99.9	ico.ol	150.0	100.0	inc.nb	ادمود	ام مور	
≥ 600 ≥ 500	97.8 97.8	99.3	99.5 99.5	99.8	99.8 99.8	99.8	99.9	99.9	99.9	انمنتا	لكمقلانا	100.01	اممت	00.0	0.00	
≥ 400 ≥ 300	97.8 97.8	99.3	99.5 99.5	99.8 99.8	99.8 99.8	99.8	99.9	99.9	99.01	LOUGH	بإشمالات	00.00	acal		00.0	
≥ 200	97.8 97.8	99.3	99.5 99.5	99.8	99.8 99.8	99.8	99.9		99.9	00.0	GC.C		امحت	ى مود	اعدوب	
≥ 100	97.8 97.8	99.3 99.3	99.5 99.5	99.8	99.8 99.8	99.8	99.9	99.9	99.9		03.3		.03.60 .02.0			0.0C

TOTAL NUMBER OF OBSERVATIONS 845

USAF ETAC JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

487

CEILING VERSUS VISIBILITY

HONDLULU TAP HI

71-86_

- MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400

CEILING							VIS	BILITY (ST.	ATUTE MIL	ES1						
FEET	≥10	≥6	≥5	≥ 4	≥3	≥2½	≥ 2	≥1%	≥1%	≥1	≥ ¾	≥ ¾	≥ '⁄	≥ 5/16	≥ ¼	≥0
NO CEILING ≥ 20000	51.9 52.3	51.9 52.3	51.9 62.3	51.9 62.3	52.0 62.4	52.5 52.4	52.1 52.5	52.1 52.5	52.1 62.3	52.1 62.5	52.1 62.5	52.1 62.5	52.1 62.5	52.1 62.5	52.1 62.5	52.1 62.5
≥ 18000 ≥ 16000	52⋅3 ১2⋅5	62.5	52.3 62.5	62•3 62•5	62.4 62.6	62•4 62•6	32.5 62.7	62.5 62.7	62.5 62.7	62.5 62.7	52.5 52.7	62.5 62.7	62.5 62.7	62.5 62.7	62.5 62.7	62.5
≥ 14000 ≥ 12000	ა3.2 ა5.4	53.2 65.4	53.2 55.4	63•2 65•4	63.3 55.6	63•3 65•6	63.4 65.7	53.4 65.7	63.4 65.7	53.4 55.7	63.4 65.7	63.4 65.7	63.4 65.7	63.4 65.7	63.4 65.7	63•4 55•7
≥ 10000	67.7	67.7 69.3	67.7 69.1	67.7 69.0	57.8 69.1	67•8 59•1	67.9 69.2	67.9 69.2	67.9 69.2	67.9 59.2	67.9 69.2	67.9 69.2	67.9 69.2	67.9 69.2	67.9 69.2	67.9 69.2
≥ 8000 ≥ 7000	59.1 59.2	69.1 69.2	69.1 69.2	69.1 69.2	69.2 69.3	69•2 59•3	69.3 69.5	69.3 69.5	69.3 69.5	69.3 69.5	69.3 69.5	69.3 69.5	69.3 69.5	69.3 69.5	69.3 69.5	59.3 59.5
≥ 6000 ≥ 5000 ≥ 4500	7 • 2 78 • 4		78.5	7J.2 78.5	72.3 78.7	73•3 78•7	70.4	70.4 78.8	70.4 78.8	70.4 78.8	70.4	70.4	78.8	75.4 78.8	70.4	78.3
≥ 4000 ≥ 3500	38.3 71.5	88.5 91.2 91.9	91.3	88.1 91.3 92.0	88.2 91.4 92.1	88 • 2 91 • 4	88.3 91.5	88.3 91.5	88.3 9.5	88.3 91.5	88.3 91.5	88.3 91.5			88.3 91.5 92.2	88.3 91.5 92.2
≥ 3000 ≥ 2500	92.8 94.6		92. 93.4 95.2	93.4 95.2	93.5	92•1 93•5 95•3	92.2 93.6 95.4	92.2 93.6 95.4	92.2 93.6 95.4	92.2 93.6 95.4	92.2 93.6 95.4	92.2 93.6 95.4	92.2 93.6 95.4	92.2 93.5 95.4	92.2 93.5 95.4	93.5 95.4
≥ 2000	96.7	97.6		93.2 97.9 98.6	98.7 98.7	98.0 98.7		98 • 9 98 • 9	98.2 98.9	98.2	98.2	98.2 98.9	98.2	98.2 98.9	98.2 98.9	98.2
≥ 1500 ≥ 1200	97.2 97.4	98.3	98.7	99.1	99.2	99.2	99.4 99.6	95.4	99.4 99.6	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1000	97.4 97.4	98.7 98.7		99.4	99.5 99.5	99.5 99.5	99.8	99.8 99.8	99.8 99.8	99.8 99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 800	97.4 97.4	98.7	99.1	99.4 99.4	99.5 99.5	99.5 99.5	99.8	99 8 99 8	99.8 99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 700 ≥ 600 ≥ 500	97.4	98.7	99.1	99.4		99.6 99.6	99.9	99.9	99.9	99.9 100.0	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	97.4 57.4	98.7		99.4		99.6	99.9		99.9		100.0	100.U	100.0	100.0	00.0	1
≥ 200	97.4	98.7	99.1	99.4	99.5	99.6	99.9	99.9	99.9		· ·		100.0	0.00	100.0	00.0
≥ 0	97.4					-					100.0	105.0	100.0	130.3	00.0	120.0

USAF ETAC JULIA 0-14-5 (OL A) MEYIOUS EDITIONS OF THIS FORM ARE DESOLETE

CEILING VERSUS VISIBILITY |

2524 HONOLULU TAP HI

71-83

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1520-1700

CEILING							VIS	IBILITY (ST.	ATUTE MIL	ES)						
(FEET)	≥10	≥6	≥5	≥4	≥3	≥2⅓	≥ 2	≥1%	≥14	≥1	≥¾	≥%	≥%	≥ 5/16	2 %	≥0
NO CEILING ≥ 20000	5 i • 9 5 9 • 6	51.7 59.7	51. 59.7	51.0 59.7	51.0 59.7	51.0 59.7	51.3 59.7	51.3 59.7	51.7 59.7	51.0	51.8 59.7	51.0 59.7	51.3 59.7	51.3 59.7	51.0	51.d 59.7
≥ 18000 ≥ 16000	59.5 59.6	59.7 59.7	59.7 59.7	59•7 59•7	59 .7	59.7 59.7	59.7 59.7	59.7 59.7	59•7 59•7	59.7 59.7	59.7 59.7	59.7 59.7	59.7 59.7	59.7 59.7	59.7 59.7	59.7 59.7
≥ 14000 ≥ 12000	51.03 52.7	54 52.5	60•4 62•3	6. 4	£1.4 62.8		58.4 52.8	63.4 62.8	6 1.4 62.8	52.4 62.8	60.4 62.8	60.4 52.8	60.4 52.8	60∙4 62•8	62.8	50•4 52•8
≥ 10000	65•1 55•7	65.3 65.8	65.3 65.8	65.3 65.8	65.3 65.8	65•3 55•8	65•3 65•8	65.3 65.8	65 • 3 65 • 8	65•3 65•8	65.3 65.8	65•3 65•8	55.3 55.8	65.3 65.8	65.3 65.8	65.3 65.8
≥ 8000 ≥ 7000	56.3	56.3 65.4	65.4	66 • 3 66 • 4	66.3 <u>56.4</u>	56.4	66 • 3 66 • 4	66.4	66.3 65.4	56.3 56.4	66.3 66.4	66.3 66.4	66.3 65.4	66.3 65.4	66.3 65.4	66.3 56.4
≥ 6000 ≥ 5000 ≥ 4500	67.7 77.9	67.8 78.	78.	78	67.8 78.8	78.0	67.8 78.7	78.7	67.8 78.0						67.8 78.0	
≥ 4500 ≥ 4000 ≥ 3500	28.9 91.6	89.0 92.1	89. 1 92.1	89.0 92.1	89.0 92.1	92.1	89.0 92.1	89.0 92.1	89.5 92.1	92.1	92.1	89.0 92.1	89.5 92.1	89.0 92.1	89.0 92.1	92.1
≥ 3000 ≥ 2500	92.0 93.4 95.6	92.6 94.1 96.3	94.2	92.6 94.2 96.5	92.6 94.2 96.5	94.2	92.6 94.2	94.2	92.6 94.2 96.5	92.6	92.6	92.6 94.2	92.6	92.6	92.6	92.6
≥ 2000	97.6	97.5 98.7	1		93.1	98.2 99.2	96.5 98.2 99.2	98.2	98.2 99.2	96.5 98.2 99.2	96.5 98.2 99.2	96.5 99.2 99.2	96.5 98.2 99.2	96.5 98.2 99.2	96.5 98.2 99.2	98.2
≥ 1500	97.8	99.2	99.3	99.4	99.6	99.8	99.8	99.8	99.8	90.8	99.8	99.8	99.8		99.9	99.8
≥ 1000	\$7.8 \$7.8	99.3	99.4	99.5	99.8	99.9	99.9	99.9	99.9 99.9	99.9	99.9		99.9	99.9		
≥ 800 ≥ 700	97.8 37.8	99.4	99.5	99.6 99.6	99.9	100.0	100.0	100.0	130.0	100.0	100.0	تمتشت	المانانا	U Coll	ריימני	
≥ 600	97.8	59.4	99.5	99.6	99.9	150.0 130.0	100.0	100.0	100.0	ton.n	100.2		non	100.0		100.0
≥ 400 ≥ 300	97.8	99.4	99.5		99.9	100.0	100.0	100.0	100.9	100.1	100.0		170.0	100.0		100.0
≥ 200	97.8 97.8	99.4	99.5	99.6	99.9	100.0	100.0	130.0	100.0	وموري	150.7	ina.o	10.0	100.0	00.0	DU . L
≥ 0	97.8		1			100.0									100.0	

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC 101 04 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

22321

HONOLULU IAP HI

71-83

£53

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1870-2000

CEILING							VIS	IBILITY (ST.	ATUTE MILI	ES)						
(FEET)	≥10	≥6	≥5	≥4	≥3	≥27⁄2	≥2	≥1½	≥14	≥1	≥ 1,	≥%	≥ 1/2	≥ 5/16	≥ ¼	≥0
NO CEILING ≥ 20000	59.8 67.3	59.8 67.3	59.8 57.3	59.8 67.3	59.8 67.3	59.8 67.3		59.8 57.3	59.8 67.3	6ป.ย 67.4	60.5 67.4	63.J	61.3 67.4	63.9 67.4	60.3 67.4	63.3 67.4
≥ 18000 ≥ 16000	67.4 67.4	57.4 57.4	67.4 67.4	67•4 67•4	67.4 67.4	67.4 67.4	67.4 57.4	67.4 67.4	67.4 57.4	57.5 67.5	67.5 67.5	67.5 67.5	67.5 67.5	67.5 67.5	67.5 67.5	67.5 67.5
≥ 14000 ≥ 12000	69.4	68. 69.4	69.4	68• <u>i</u>	63.3	68.4 59.4	68• . 60• 4	58.⊥ 59.4	68• 7 69•4	69.5	68.1 69.5	68•± 59•5	68.1 69.5	68 • 1 59 • 5	68•1 69•5	58•1 69•5
≥ 10000	71.6	71.6 72.3	72.5 72.3	71.6	71.5	71.5 72.3	71.6	71.6	71.6 72.3	71.7 72.4	71.7	71.7 72.4	71.7 72.4	71.7 72.4	71.7 72.4	71.7
≥ 8000 ≥ 7000 ≥ 6000	72.6 72.6	72.6 72.6	72.6 72.5	72.6	72.6	72.6 72.6	72.5	72.6	72.6 72.6	72.7 72.7	72.7 72.7	72.7 72.7	72.7 72.7	72.7 72.7	72.7 72.7	72.7
≥ 5000	72.9 8.i	72.5 83.1 91.4	72.9 8: 1 91.4	72.9 8.1	72.9 8.1 91.4	72.9	72.9 87.1	72.9 35.1	72.9 80.1	73.3 87.2	73.3 80.2	73.1 83.2	73.G 87.2	73 80.2	73.5 85.2	82
≥ 4000	94.3	94.5	94.6 95.2	91.4 94.6 95.2	91.4 94.5 95.2	91.4 24.6 95.2	91.5 94.7 95.3	91.5 94.7 95.3	91.5 94.7 95.3	91.6 94.8 95.4	91.6 94.8 95.4	91.6 94.8 95.4	91.6 94.8 95.4	91.5 94.8 95.4	91.6 94.8 95.4	
≥ 3000	95.5 95.3	95.8 96.7	95.9 96.7		95.8 95.7		95.9 96.8	95.9 96.8	1	95.9 95.9	96.9	95.7 95.7	95.3 95.9	95.4 96.9	96.7 96.9	
≥ 2000	98.4 98.6	98.9 99.2		98.9 99.2	98.9 99.2	98.9 99.2	99.1 99.3	99.1 99.3	99.1 99.3	99.2 99.4	99.4	99.2	99.2 99.4	99.4 99.4	99.2 99.4	99.2 99.4
≥ 1500	-8.6	79.3			- 1	99.4	99.5	99.5 99.8	99.5	99.6 99.9	99.6 99.9	99.6	99.6	99.5	99.6	99.6
≥ 1000	98.6 9.6	99.3	99.5					99.9	99.9	193.0		133.0	ם.כם	30.0		133.0
≥ 800	98.6 98.6	99.3 99.3	99.5 99.5	99•6 99•6	99.8 99.8			99.9 99.9		100.0 130.0			100.0	786°9 79°0		D(.0
≥ 500	\$8.6 98.6		99.6 99.6					99.9 99.9		100.0		100.0	150.0 130.0			100.0
≥ 400 ≥ 300 > 300	98.6 98.6	99.3	99.5 99.5	99•6 99•6	99.8	99.8	99.9	99.9 99.9	99.9	. 75. 3 180. 9		100.0	170.7	00.0	153.3 148.8	20.0
≥ 200 ≥ 100 ≥ 0	98.6	99.3		99.6	99.8	99.8	99.9		99.9		100.0	100.0		.9 0. 0	100.0	
≥ 0	98.6	99.3	99.5	99.6	99.8	99.8	99.2	99.9	99.9	130.0	rou•c	100.0	100.0	ارون	100.7	Ou C

OTAL NUMBER OF OBSERVATIONS 849

USAF ETAC 101.64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLET

CEILING VERSUS VISIBILITY

HONOLULU TAP HI

71-87

WONTH -

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2107-2305

CEILING							VIS	IBILITY (ST	ATUTE MIL	ES)						
(FEET)	≥10	≥6	≥5	≥4	≥3	≥2⅓	≥2	≥11/2	≥1%	≥1	≥ ¾	≥ ¾	≥ 1/5	≥5/16	≥ ¼	≥0
NO CEILING ≥ 20000	63.8 68.8	63.8 68.8		63.8 68.8	63.8 58.8	63.8 68.8	53.S 68.8	53.8 63.8	63.8 68.8	63.8 68.3	63.8 68.8	53.8 68.8	63.8 68.8	63.8 68.8	63.8 68.8	63.8 68.8
≥ 18000 ≥ 16000	68•9 68•9	58.9 68.9	68.9 68.9	69.9 63.9	63.9 68.9	68.9 58.9	68.9 63.9	68.9 63.9	58.9 58.9	68.9 68.9	58.9 68.9	65.9 68.9	58.9 53.9	68.9 58.9	68.9 68.9	68.9 68.9
≥ 14000 ≥ 12000	59.5 70.3	69.5 70.3	69.5 70.3	69.5 7-3	69.5	69.5 75.3	69.5 7:3.3	69.5 79.3	69.5 71.3	69.5 75.3	69.5 70.3	69.5 7.3.3	69.5	69.5 70.3	69.5 70.3	
≥ 10000 ≥ 9000	71.6	71.5 71.8	71.6 71.8	71.6 71.8	71.8	71.6 71.8	71.5 71.3	71.6 71.8	71.8	71.5	71.5 -71.5	71.5	71.5 71.8	71.6 71.8	71.6 71.8	71.6 71.8
≥ 8000 ≥ 7000 ≥ 6000	72.2	72.2 72.2	72•2 72•2	72•2 72•2	72.2	72.2	72.2	72•2 72•2	72•2 72•2	72•2 72•2	72.2 72.2	72.2 72.2	72.2 72.2	72.2 72.2	72.2 72.2	
≥ 5000 ≥ 5000	72.7	72.7 79.0	72.7	72.7	72.7	72.7 79.0		72.7	72.7							72.7
≥ 4000 ≥ 3500	93.3 94.1	90.6 93.4 94.1	93.4	93.6	97.6	23.4	93.4	93.4	90.5	93.4	90.5	93.4	93.4 93.4	90.5	93.4	03.4
≥ 3000 ≥ 2500	94.5	94.5 96.3	94.1 94.6 96.3	94.1 94.6	94.1	94.1	94.1	94.1	94.5	94.1	94.1	94.1	94.1 94.6	94.6	94.1	
≥ 2000 ≥ 1800	√7.8 ≈8.4	98.1 98.7	98 1 98 7	96.3 98.1 98.8	96.3 98.1 98.8	96.3 98.1 98.8	96 • 3 98 • 2 98 • 9	96.3 98.2 98.9	95•3 98•2	96.3	96.3 98.2	96.3 93.2	95.3 98.2	96.3	96.3 98.2	98.2
≥ 1500 ≥ 1200	58.5	99.3	99.3	95.4 99.6	99.4	99.4 99.6	99.5 99.8	99.5 99.9	98.9 99.6 99.9	98.9 99.6 99.9	98.9 99.6 99.9	98.9 99.6 99.9	93.9 99.6	98.9	98.9 99.6	
≥ 1000 ≥ 900	÷8.9	99.4 99.4	99.5	99.8 99.8	99.8 99.8	09.8	99.9	160.0	100.0	100.0	100.0				99.9	ព.ពព
≥ 800 ≥ 700	98.9 98.9	99.4	99.5 99.5	99.8 99.8	99.8	99.8	99.7	150.6	130.0	120.0	1000	100.0	an n	ing	100.0	
≥ 600 ≥ 500	<u> </u>	99.4	99.5 99.5	99.8	99.8 99.8	99.8	99.9	100.0	120.5	100.0	130.0	100.0	נייניו	موور	100.0	100.0
≥ 400	५8∙२ ५8∙२	99.4 99.4	99•5 99•5	99.8 99.8	99.9 99.8	99.8	29.9	irg.p		ron.c	100.0	100.0	إمدننا	تمالت	100.0	an a
≥ 200 ≥ 100 ≥ 0	28.9 28.9	99.4 99.4	99.5 99.5	99.8 99.8	99•8 99•8		99.9	100.0	100.0	100.0	130.3	100.0	ومرين	1,70	1.00.0	100.0
≥ 0	<u> </u>	<u> </u>	99.5	99.8	99.8	29.8	99.9			100.0		ເດຍ-ລ			1	ກາດ

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC 1044 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLET

5489

1

CEILING VERSUS VISIBILITY

HONOLULU IAP HI

71-87

FF3

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOURS ILS 1)

CEILING							VIS	BILITY (ST	ATUTE MIL	ES)						
(FEET)	≥10	≥6	≥5	≥4	≥3	≥2⅓	≥2	≥1/2	≥1%	≥1	≥ 1/4	≥%	≥ 1/2	≥ 5/16	≥¼	≥0
NO CEILING ≥ 20000	57.4 63.9	57.5 63.9	57.5 63.9	57.5 63.9	57.5 63.9	57.5 63.9		57.5 63.9	57.5 63.9	57.5 63.9	57.5 63.9	57.5 63.5	57.5 63.9	57.5 63.9	57.5 63.9	57.5 63.9
≥ 18000 ≥ 16000	63.9	63.9 53.9	63.9 64.1	63.9 64.0	63•9 64•0	63.9 64.3	54 • 0 64 • 0		64.0 64.0	64.0 64.0	54 · 7	64 • 13	64.5 64.7	64. J	64.3 64.3	54.7 54.3
≥ 14000 ≥ 12000	54.5 66.	64.5 66.1	64.5 66.1	64.5 56.1	54.5 66.1	64.6 66.1	54.6 66.1	64.6 66.1	64.6 66.1	64.6 66.1	64.6 66.1	64.6 66.1	64.6 55.1	64.6	64.6	64.6 56.1
≥ 10000	67.6 69.3	67.7 58.3	67.7 63.3	67.7 68.3	63.4	67.7 58.4	67.7 58.4	57.7 58.4	67.7 68.4	67.7 68.4	67.7 68.4	67.7 68.4	67.7 65.4	57•7 68•4	67•7 58•4	67.7 58.4
≥ 8000	68.6 58.7	68.7 68.7	68.7 68.7	68.7 68.7	68.7 68.7	68•7 58•7	59.7 68.8	68.7 68.8	68•7 63•8	58.7 58.8	68.7 68.8	58•7 58•8	58 • 7 68 • 8	68•/ 68•S	68•7 68•3	68•7 58•8
≥ 6000 ≥ 5000 ≥ 4500	77.6	69.5 77.7	69.5 77.7	77.7	59.5 77.7	69.5 77.7	77.8	77.8	77.8		69.5 77.8	69•5 77•8	69.5 77.8	69•5 77•8	69.5 77.8	69.5 77.8
≥ 4000 ≥ 3500	38.6	28.7 92.2	88.7 92.3	88.7 92.3	88.7 92.3	88•7 92•3		92.3	88 • 8 92 • 3		88 • 8 92 • 4	88.8 92.4	88 • 8 92 • 4	88 • 8 92 • 4	88 • 8 92 • 4	88 • 8 92 • 4
≥ 3000 ≥ 2500	92.5 93.2 95.0	92.8 93.6 95.5	92.9 93.7 95.6	92.9 93.7 95.6	92.9 93.7 95.6	92.9 93.7 95.6	93.0 93.7 95.5	93.0 93.7 95.6	93•3 93•7 95•6	93.0 93.7 95.7	93.7 93.7 95.7	93•0 93•7 95•7	93.7 93.7	93.7 93.7 95.7	93.0 93.7 95.7	93.7 93.7
≥ 2000	97.1	97.9 98.5	98. 93.6	98.0 98.7	98.1 98.7	98.1 98.7	98 • 1 98 • 8	98.1 98.8	98.1 98.8	98.2 98.9	98.2 98.9	98.2 98.9	98.2 98.9	98.2 98.9	98.7 98.9	
≥ 1500 ≥ 1200	97.9 28.1	99.3	99.2	99.3	99.4 99.7			29.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 1000	78.1 78.1	99.3	99.5 99.5	99.7	99.8	99.8 99.8	99.9	99.9	99.9	100.0	100.0	133.3	2 مرب	تعلانا		20.3
≥ 800	98.1	99.3	99.6 99.6	99.7	99.8 99.8		99.9			ins.0		0.00		00.0	30.0	00.0
≥ 500	98.1	99.3	99.6 99.6		99.8	99.8			133.5 188.8	100.0	100.0	100.0	130.0	100.0	100.0	100.0
≥ 400 ≥ 300	98.1 78.1	99.3	99.6		99.8 99.8	99.8 99.8		.73.9 150.0		17J.J 100.0	100.0	.00.0	133.3 160.0	:00.0	00.0	100.0
≥ 200 ≥ 100	98.1 98.1	99.3	99.6	99.7	99.8	99.8	99.9	1,10.0	រប់ព•ព	100.0	i I		130.0	100.0	190.0	70.0 .00.0
≥ 0	98.1	99.3	99.5	99.7	99.8	9.8	99.9	170.0	130.0	<u> </u>	100.5	100.3	140.0	130.0	13.7	Biol

TOTAL NUMBER OF OBSERVATIONS

5790

USAF ETAC JUL 64 0-14-5 (OL A) MEVIOUS EDITIONS OF THIS FORM ARE OBSOLE

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CEILING VERSUS VISIBILITY

7257 (

HONOLULU IAP HI

7:-80

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1010-0200

CEILING							VIS	BILITY (ST	ATUTE MIL	ES)						
(FEET)	≥10	≥6	≥5	≥4	≥3	≥21/7	≥2	≥1½	≥14	≥1	≥ 1/4	≥ ¾	≥ 1/2	≥5/16	≥ %	≥0
NO CEILING ≥ 20000	56.6 52.	56.6 52.0	56∙6 62•	56.6 62.	56.6 62.3	56•6 52•0	_	56.6 62.0	56.5 52.0	55.5 62.0	56.5 62.0	56.6 62.6	56.5 62.0	56.6 52.1	56.6 62.0	56.6 62.0
≥ 18000 ≥ 16000	υ2• 52•!	52.1 52.1	62.1	62. 52.1	62.3 62.1	62.1 62.1	62.5 62.1	52.0 52.1	62.0 62.1	62.5 52.1	62.1	62.ŭ 52.i	62.0 62.1	62.0 52.1	62.3 62.1	62.0 62.1
≥ 14000 ≥ 12000	ა3•. 64•5	53 <u>64.</u> 5	63.: 64.5	63.0 64.5	63.0 64.5	63.4 64.5	63.0 54.5	53.7 54.5	63." 54.5	63.7 64.5	63.3 54.5	63.0 64.5	63.0 64.5	63.0 64.5	63.0 64.5	53.0 64.5
≥ 10000 ≥ 9000	57.1	66.4 57.1	66.4 67.1	65.4 67.1	66.4 67.1	66.4 67.1	56.4 57.1	66•4 67•1	66.4 67.1	65.4 67.1	56.4 67.1	67.1	66.4 67.1	66.4	66.4	55 • 4 57 • 1
≥ 8000 ≥ 7000	67.4 67.5	67.4 67.5		67.4 67.5	67.4 67.5		67.4 67.5	57.4 57.5		67.4 67.5	67.4 67.5	57.4 57.5	67.4 67.5	67.4 67.5		57.4 57.5
≥ 6000 ≥ 5000	53.6 75.2	88.6 75.2	75.2	68.6 75.3	68.6 75.2	75.2	75.2	68•6 75•2	75.2	68.6 75.2	68.5 75.2	68•6 75•2	58.6 75.2	68.6 75.2	69.6 75.2	68.6 75.2
≥ 4500 ≥ 4000	87.4 95	87.4 96	9:-7	87.5 9.7	87.5 9.7	97.7	93.7	87.5 90.7	9/1.7	911.7	87.5 90.7	87.5 91.7	87.5 90.7	87.5 90.7	90.7	87.5 94.7
≥ 3500 ≥ 3000	91.3 92.2	91.5 92.8	92.9	91.6 92.9	91.6 92.9	92.9	92.9	92.9	91.6	92.9	91.6	91.6	92.9	91.6 92.9	92.9	91.6
≥ 2500 ≥ 2000	55.9 97.5	96•4 98•4	98.7	98.7	96.5 98.7	96•6 98•7	98.7	96•6 98•7	98.7	96.6 98.7	96.5 98.7	96.6 98.7	96.6 98.7	96.5 98.7	98.7	96.6
≥ 1800 ≥ 1500	97 .7 97.8	98.8 99.3	99.4	99•1 99•4	99.1 99.4	99•i	99.1	99•1 99•4		99.1 99.4	99•1 99•4	99• <u>1</u> 99•4	99.1 99.4	99.1 99.4	99.1	99.1 99.4
≥ 1200 ≥ 1000	১৪∙ ⊥ ৬৪•1	99•1 99•2	99.6 99.7	99.8	59.6 99.9	99.9	99.9	99.9	99.9	99.5		99.6 99.9	99.9	99•6 99•9	99.9	99.6
≥ 900 ≥ 800	98.1 98.1	99•2 99•2	99.7	99•8 99•8	99.9	99.9	99.9		99.9	99.9	99.9	99.9			99.9	99.9
≥ 700 ≥ 600	98.1 98.1	99•2 99•2	99.7	99•8 99•8	99.9 99.9	99.9	99.9	99.9 99.9		99.9 99.9	99.9	99.9	inna	100.0	100.0	100.0
≥ 500 ≥ 400	98.1 98.1	99•2 99•2					99.9	99.9 99.9					ومونيا	na a	100.0	130.0 130.0
≥ 300 ≥ 200	98.1 38.1	99•2 99•2				99.9	99.9		99.9			99.9	100.0	تعالنا	50.0	
≥ 100	98.1 98.1	99.2	99.7 99.7	99.8 99.8			1	99.9	99.9		99.9		1		100.0	r 1

TOTAL NUMBER OF OBSERVATIONS 92

USAF ETAC JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE DESCLE

490

CEILING VERSUS VISIBILITY

15237

HONOLULU IAP HI

71-80

MAR

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

4303-3500

CEILING							vis	IBILITY (ST	ATUTE MIL	ES)						
(FEET)	≥10	≥6	≥5	≥ 4	≥3	≥2⅓	≥2 !	≥1½	≥1%	≥1	≥ 1/4	≥%	≥ %	≥5 16	2.¼	≥0
NO CEILING ≥ 70000	51.6 58.2	51.5 58.2	51.7 58.3	51.7 58.3	51.7 58.3	51.7 58.3	51.7 58.3	51 • 7 58 • 3	51.7 58.3	51.7 58.3	51.7 58.3	51.7 58.3	51.7 59.3	51.7 58.3	51.7 58.3	51.7 58.3
≥ 18000 ≥ 16000	58.2 58.5	58.2 58.5	56.3 58.6	58.3 58.6	58.3 58.6	58.3 58.6	58.3 58.6	58.3 58.6	58.3 58.6	58.3 58.5	58.3 58.6	58.3 58.5	58.3 58.6	58.3 58.6	58.3 58.6	58.3 58.6
≥ 14000 ≥ 12000	59.c	59 50.3	59.1 61.4	59.1 6: 4	59•1	59.1 6:.4	59.1 60.4	59.1 60.4	59.1 60.4	59.1 64.4	59.i	59.1	59.1 67.4	59.1 50.4	59 • 1 60 • 4	59.1 50.4
≥ 10000 ≥ 9000	63.8	62.4 53.8	62.5 63.9	62.5 63.9	62•5 63•9	62•5 63•9	62.5 53.9	62.5 63.0	62.5 63.0	52.5 53.9	62.5 63.9	62.5	62.5	62.5 63.9	62.5 63.9	52.5 63.9
≥ 8000 ≥ 7000	54.5	64.5 64.6	64.6 54.7	64.6 64.7	64.6 64.7	64.6 64.7	64.6 64.7	64.6 54.7	54.6 64.7	64.6 54.7	64.5 64.7	64.6 64.7	64.6 64.7	64.5	64.6 64.7	64.6 54.7
≥ 6000 ≥ 5000	55.9 73.3	66.9 73.3	67.3 73.5	67.5 73.5	67.3 73.5	67.u 73.5	67.3 73.5	57.J	67.G 73.5	67.0 73.5	67.3 73.5	67.0 73.5	67.G	67.0 73.5	67.0 73.5	67.0 73.5
≥ 4500 ≥ 4000	89.1 92.8	89.1 92.9	89.4 93.1	89.4 93.1	89.4 93.1	89.4 93.1	89.4 93.1	89.4 93.1	89.4 93.;	89.4 93.1	89.4 93.1	89.4 93.1	89.4 93.1	89.4 93.1	89.4 93.1	89.4 93.1
≥ 3500 ≥ 3000	94.5	94.2	94.4 94.9	94 • 4 94 • 9	94.9	94•4 94•9	94.4 94.9	24.4 94.9	94.4	94.4 94.9	94.4	94.4	94.4	94.4 94.9	94.9	94.4
≥ 2500 ≥ 2000	96 • 2 93 • 3	96.5 98.7	96•8 99•3	96•8 99•0	96.8	96.8 99.6	96.8 99.1	95.8	95.8	96.8 99.1	96.8 99.	95.8 99.5	96.8	96.8	96 • 8 99 • 6	96.8
≥ 1800 ≥ 1500	68.3 68.5	99.8 99.8	99•5 99•8	99•6 99•8	99•6 99•8	99•5 99•8		99•6 99•8	99•5 99•6	99.6 99.8	99.6 99.8	99.5 99.8	99.5 99.8	99.6	99.6 99.8	99.6
≥ 1200 ≥ 1000	98∙5 28∙5	99.5 99.5	تورت	182.0		100.0 100.0					[]	100.0		.00•0		F - · · · · · · · · · · · · · · · · · ·
≥ 900 ≥ 800	98•5 28•5	99.5	10000	160.0	100.0		100.0	100.0	100 r	166.0	-	100.0	תשנים	2.00	ນດ.ດ	50.0
≥ 700 ≥ 600	98.5	59.5 99.3	100.3	100.0 :38.0	100.0	130.0	230.0	:00.0	130.0	100.0	133.	100.0	100.0		00.0	70.0
≥ 500 ≥ 400	98•5 99•5		100.0	100.0	100.0	190.0	100.5	100.0	140.0	185.6	100.0	(05.0	1000	00.3	0.00	00.0 20.0
≥ 300 ≥ 200	98.5	99.5	150.6		100.0	100.0	100.0	100.0	100.0	:00.0	00.0	100.9	0.00	00.0	:30.C	00.0
≥ 100 ≥ 0	98.5 98.5	99•5 99•5		199.0				1			100.0 100.0			100•0 100•0		00.0

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC 101 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLET

CEILING VERSUS VISIBILITY |

2252.

HUNOLULU IAP HI

71-83

36 0-580D

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	BILITY (ST.	ATUTE MIL	ES)						
(FEET)	≥10	≥6	≥5	≥4	≥3	≥2⅓	≥ 2	≥1½	≥1%	≥1	≥ ¾	≥%	≥ ⅓	≥ 5/16	≥ ¼	≥0
NO CEILING ≥ 20000	52.1 62.3	52.1 52.3	52.3	52.1 52.3	52.1 62.3	52.1 52.3	52 • 1 62 • 3	52.1 52.3	52 · 1 62 • 3	52.1 62.3	52.1 52.3	52.1 62.3	52.1 62.3	52.1 62.3	52.1	52.1
≥ 18000 ≥ 16000	62.3 52.6	62.3 52.6		52.3 62.6	67,3 62.6	62.3 62.6	62.3 62.6	62.3 52.6	62.3 52.5	62.3 62.6	62.3 62.5	52.3 62.6	52.3 52.6	62.3 62.5	62•3 62•6	52.5
≥ 14000 ≥ 12000	53.5 55.3	63.5 65.3		63.5 65.3	63.5 55.3	63.5 65.3	03.5 65.3	63.5 65.3	63.5 65.3	63.5 65.3	53.5 55.3	63.5 65.3	63.5 65.3	63.5 65.3	63.5 65.3	53.5 55.3
≥ 10000 ≥ 9000	67 .3 58 . 5	67.3 68.5	67.3 68.5	67•3 68•5	67•3 <u>68•5</u>	67•3 68•5	67.3 68.5	67.3 68.5		57.3 58.5	67.3 68.5	57.3 68.5	67.3 58.5	67.3 68.5	67.3 68.5	67.3 58.5
≥ 8000 ≥ 7000	68.6 68.6	68.6 58.5		68.6 68.6	68.6 68.6	63.6	68.5	58.6 58.6	63.6	55.6	58.5 58.5	68.6 58.6	58.5 58.6	68.5 68.6	68.5 68.6	58.6 58.6
≥ 6000 ≥ 5000	7 1 • 1 75 • 1	73.3 75.3		75.3	70•3 75•3	75.3	75.3	75.3	75.3	75.3		75.3	7:•3 75•3		70.3 75.3	73.3 75.3
≥ 4500 ≥ 4000	89.3 91.8	92.1	89.7 92.1			92.i	92.1	99.7 92.1	89.7 92.1	89.7 92.1	89.7 92.1	89.7 92.1	89.7 52.1	92.1	89.7 92.1	89.7 92.1
≥ 3500 ≥ 3000	92.4 92.7	92.7		93.	92.7		92.7 93.7	92.7 93.0	92.7	92.7 93.7		92.7 93.4	92.7 93.0		92.7	92.7
≥ 2500 ≥ 2000	94 • 8 98 • 0	98.9	98.9	98.9			99.1	95.6	90.1	99.1	99.1	95.6 99.1		95.6	95.6	95.5
≥ 1800 ≥ 1500	98.3 98.5		99.6				99.8	99.6	99.8	99.8	99.8	99.8	99.5		99.8	99.6 99.8
≥ 1200 ≥ 1000	98 • 5 98 • 5	99.5	99.7		99.7		99.9	ב.מכו	100.0	חבוני	100.2	בינותו	חבני	عـدون	198•0 148•0	تمدد
≥ 900 ≥ 800 ≥ 700	98.5 98.5	99.6	99.7				99.0	تعمدا	100.0	105.0	166.5	0.00	ב-כני	00.0	.00.J	00.0
≥ 600	98.5	99.6	99.7		99.7		99.9	170.0	معمت	inn.c	138.5	عمدت	محينا	1111	100.0	نست
≥ 500 ≥ 400 ≥ 300	98.5 98.5	99.5	99.7		99.7		99.9	170.0	100.7	165.9 195.3	100.0	י בפתו	1.17.1	20.3	100.0	្រាស់
≥ 200	98.5 28.5	99.6	99.7			99.7	99.9	130.0	ם סעו		100.5	ina	105.0	60.0	100.0 100.0	
≥ 100 ≥ 0	98.5 98.5			99.7 99.7	99•7 59•7										LUID C	

TOTAL NUMBER OF OBSERVATIONS_

929

USAF ETAC 101.64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLE

6491

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CEILING VERSUS VISIBILITY

250: HONOLULU TAP HI

71-87

MAR

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1070-117.1

CEILING							VIS	IBILITY (ST	ATUTE MIL	ES:						
(FEET)	≥10	≥6	≥ 5	≥4	≥3	≥27	≥ 2	≥1⅓	≥1%	≥1	≥ ¾	≥ ¾	≥%	≥5/16	≥'•	≥0
NO CEILING ≥ 20000	45.4 59.9	49.4 59.9	49.4 59.0	49.4 59.9	49.4	49.4 59.9	49.4 39.0	49.4 59.9	49.4 59.9	49.4 59.9	49.4 57.7	49.4 59.9	49.4 59.9	49.4 59.9	49.4 59.9	49.4 59.9
≥ 18000 ≥ 16000	5 .2	53. : 62	57•1 6 • 2	63.0 63.2	61.€ 60.2	ناه 5 2 م ل	ვ. •ე 6ე•2	όῦ•ὺ 52	60.0 60.2	60•0 60•2	60.2	60•0 60•2	63.3 63.2	60.0 60.2	60.0 60.2	60∙0 50•2
≥ 14000 ≥ 12000	>1.07	61.7 64.2	61.7 64.4	61.7 64.4	61.7 54.4	61.7 64.4	61.7 64.4	61.7 54.4	61.7 64.4	61.7 64.4	61.7 64.4	61.7 64.4	61.7 64.4	61.7 54.4	61.7 64.4	64.7 64.4
≥ 10000	57.1 67.8	67•1 67•8	57.1 67.5	67.1 67.8	57.1 67.8		67•1 57•3	67.1 57.8	57.1 67.8	67.1 67.8	67.1 67.8	67.1 67.8	57.1 67.8	67•1 67•8	67.1 67.8	67.1 67.8
≥ 8000 ≥ 7000	68.5 68.5	68.5 58.5		68.5 69.5	-V	68.5 68.5	68.5 68.5	68.5 68.5	68.5 68.5	68•5 68•5	68 • 5 68 • 5	68.5 68.5	68.5 69.5	58•5 58•5	68•5 68•5	68.5 68.5
≥ 6000 ≥ 5000	59.4 75.7	69.4 76.7	76.7	69.4 76.7	69.4 76.7	69•4 75•7	69•4 75•7	69•4 76•7	69.4 76.7	59.4 75.7	69.4 75.7	69.4 76.7	59.4 75.7	69•4 76•7	59•4 76•7	59.4 76.7
≥ 4500 ≥ 4000	68 • 1	88•5 •)•5	93.5	88.6 96	38.5	88.6 98	38.5 90.8	88.5 98	38.6 91.8	88.6 92.8	88•6 92•8	83.5 94.8	88.5 97.8	38.6 90.8		98.6 90.8
≥ 3500 ≥ 3000	9 .	96	91.6 91.6	98 91.7	93.9 91.8	90.9 91.8	91.9	90.9	97.9 91.9	91.9	90.9 91.9	95.9 91.9	92.9	90.9 91.9	90.9	
≥ 2500 ≥ 2000	34.7 97.2	95.3 97.8	280	95.4	95.6 90.5	95•6 93•6	58.7	95.7 98.9	95.7 98.9	95•7 98•9	95•7 98•9	95•7 96•9	95.7 98.9	95.7 98.9		
≥ 1800	97.3 27.5	98•1 98•3	98.2 98.4	98.5 98.7	98.9	98.9 99.2	99.5	99.2 99.7	99.2 99.7	99.7	99•2 99•7	99•2 99•7	99.2	99.2 99.7		
≥ 1200 ≥ 1000	37.5 77.5	98.4	98.4	98.8 98.9	09.1	99.5	99.6 99.7	99.8 99.9	99.8	99.9	99.9	99.8	99.8		100.0	التعدلا
≥ 900 ≥ 800	97.5 97.5	98.4			99.1	99.5 99.5		99.9	99.9		99.9	99.9	170.2	00.0	100.0	20.0
≥ 700 ≥ 600	97.5	98•4 98•4	98.5	98.9	99.1	99.5	99.7	99.9	99.9 99.9	99.9	99.9	99.9	17.0	100.5	100.0	33.0
≥ 500 ≥ 400	97.5	98.4 98.4	98.5	98.9	99.1	99.5		99.9		99.9	99.9		100.0	د و ٥٥.	100.0	:3.3
≥ 300	97.5 97.5	98.4	98.5	98.9	99.1			99.9	99.9	79.9	99.9		0.0		30.0	
≥ 100	97.5 97.5					99•5 99•5									190•0 190•0	F

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC 1CPM No. 144 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLET

CEILING VERSUS VISIBILITY

HONOLULU TAP HI

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	IBILITY (ST	ATUTE MIL	ES)						
(FEET)	≥10	≥6	≥5	≥4	≥3	≥2⅓	≥2	≥1%	≥114	≥1	≥ ¾	≥ ¾	≥ ⅓	≥ 5.16	≥ ′₄	≥0
NO CEILING ± 20000	48.3 59.6	43.3 52.5	48.3 59.6	46.3 59.6	48.3 59.6	48•3 59•6	48.3 59.6	48.3 59.6	48.3 59.6	48.3 59.6	48.3	48.3 59.6	48.3	48.3	48.3	48.3
≥ 18000 ≥ 16000	59.9 61	59.9 5:1	52.9 64.1	59.9 6'.1	59.9 6.1	59.9 5.4.1	59.9 6:1	59.9	59.9	59.9 62.1	59.9 60.1	59.5	59.9	59.9 50.1	59.9 69.1	59.9 52.1
≥ 14000 ≥ 12000	51 53.5	61.1 63.5	61.	61. 63.5	61.5 53.5	61. 63.5	61.7 53.5	61.1° 63.5	61.5 63.5	61. 63.5	61.0 63.5	61.0 53.5	61.3 63.5	61.0 53.5	61.7 53.5	51.J 63.5
≥ 10000	65.9 67.8	66.9 6.7.8	65.°	66.9 67.2	9.46 8هـئـ	66.9 67.8	56.9 67.8	56.9 57.8	55.9 67.8	56.9 57.8	65.9 67.8	55.9 57.8	66.9 67.8	66.9 67.8	56.9 67.8	56.9 57.8
≥ 8000 ≥ 7000	58.1	58.1 58.4	68.1 68.4	68.1 68.4	55.4	68.1 68.4	68.1 68.4	58.1 59.4	68•1 68•4	56.1 68.4	68.4	68.1 £9.4	63.1 58.4	68 • 1 68 • 4	6 • 1 68 • 4	68.1 58.4
≥ 6000 ≥ 5000 ≥ 4500	69.2 77.1	69.6 78.3	78.3	78.3	78.3	78.3		78.3	69.6 78.3	69.6 78.3	78.3	69.6 78.3	59.6 78.3	69.6 78.3	59.6 78.3	59.6 78.3
≥ 4500 ≥ 4000 ≥ 3500	08.9	89.5 91.4			89.6 91.4	21.4	89.6 91.4	91.4	89.6 91.4	89.6 91.4	91.4	39.5 91.4	89.5	89.6 91.4	39.5	89.6
≥ 3000	91.1	91.9				93.1	91.9 93.9	93.9	91.9	91.9	93.9	93.9	91.9	91.9	91.9	93.9
≥ 1800	56.1 99.7	97.0	97.	97.J	97.0	39	97.0	99.0	99.	99.	97.1 99.1	90.1	97.3	97.	97.3	97.0
≥ 1500	>3.1 98.2 98.2	99.2		99.4 99.7	99.5 99.9	99.9			99.5		100-0	enc.n		99.6 100.0		99.5
≥ 1000	78 2 78 2	99.4 99.4 99.4		99.7	99.9	99.5	99.9	99.9 99.9	99.9	99.9	100.0	100.0	10 1.0 130.0	00.0	100.0	
≥ 800	78.7 98.2	99.4		99.7 99.7	99.9 97.9 99.9	99.9	99.9		29.9	25.9	: 60.0		100.0		100.0	מיחנו
≥ 600 ≥ 500	28.2	99.4	99.5	99.7 99.7	99.9	99.9	99.9	99.9	99.9	99.9	L.D.F.		150.0		100.0	00.0
400	53.2	99.4	99.5	99.7	99.9	99.9		99.9	99.9	99.9	100.0		0.00			133.0
≥ 200	98.2	99.4 99.4	90.5	99.7	99.9	99.9	99.9	99.9	99.9	99.9		100.0	160.0			
≥ 0	28.2	59.4		99.7	99.9	99.9	99.9	99.9	99.9	99.9	100.0		100.0		100.0 100.0	130.0 130.0

TOTAL NUMBER OF OBSERVATIONS.

CEILING VERSUS VISIBILITY

HONOLULU IAP HI

71-89

-501-1700 Hours (1700

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)							VIS	IBILITY (ST	ATUTE MIL	(ES)				-		
	≥10	≥6	≥ 5	≥4	≥ 3	≥2.2	≥ 2	≥1½	≥11/4	≥1	≥ 14	≥ ⅓	≥ 1/2	≥5/16	≥:4	≥0
NO CEILING ≥ 20000	23. 28.6	48. 58.5	48. 58.5	48.L	48.J 58.6	,		48.u	48.€	48.C	48.5	49.3	48.0	48.J	48.F	48.1
≥ 18000 ≥ 16000	58.8 66.	58.9		58.8 59.		53.8	58.8	58.8	58.6 58.8		58.5 58.8	58.6 58.8	58.8 58.8	58.6 58.8	58.6 58.8	
≥ 14000 ≥ 12000	5 • 3	611.3	6 . 3	6 . 3	6 .3	6 6	59.3	59.3	59.1 50.3	53	59.0 60.3	59.0 60.3	59.0 60.3	59 · ii	59.0 60.3	59.0 61.3
≥ 10000 ≥ 9000	15.6	65.6	65.6	62. 65.6	65.6	65.6	57.5 55.5	52.ú	65.6	55.6	65.6	62. 65.6	52.0 65.5	52.7 55.6	65.5	
≥ 8000 ≥ 7000	36.8 37.1	57.1	67.1	67.1	66.8	66.8 57.1	55.8 67.1	66.8	66.8	66.3 67.1	56.3 57.1	57.1	66.8 67.1	66.8	66.5 67.1	56.8
≥ 6000 ≥ 50,00	67.1 68.8	67.1 68.3		67.1	67.1 69.8	57.1 58.8	67.1 68.8	67.1	67.1 58.8	67.1 68.8	67.1 58.8	67.1	67.1	67.1	67.1	57.1 57.1
≥ 4500	79.4	77.5 89.2	79.5 89.2	79.6 87.2	79.6 89.2		79.6 89.2	79.6	79.6	79.5	79.6	58.5 79.6	68.8 79.5	68.8 79.5	79.5	68.8 79.5
≥ 4000 ≥ 3500	2.4	92.9	92.9	92.7	92.9	92.9	92.9		89.2 92.9	92.9	89•2 92•9	89.2 92.9	89.2 92.9	89.2 92.9	89.2 92.9	89.2 92.9
≥ 3000 ≥ 2500	94.2	95.2 97.8	95.2	95.2	93.3 95.2	95.2	93 • 3 95 • 2	93.3 95.2	93.3 95.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3 95.2
≥ 2000	37.8	98.9	97.8	97.8 29.0	97.8 99.0	97•8 99•5	97.8	97.8	97.8 99.j	97.8	97.8	97.8		97.8	97.8	97.8 99.1
≥ '500	98.	99.4	99.1 99.4	99.2	99.1 99.8	99.1	99.2	99.2	99.2	99•2 02•01	99.2	99•2 00•0	99.	9.2	99.2	99.2
≥ 1260 ≥ 1000	58.	99.4	99.6	99.6	99.8	99.8 99.8	99.9	99.9	00.00	00.91 00.01	00.00	00.01	90.9.		.00 • 31 .00 • 8	04.0
≥ 900 ≥ 800)8 58.:	59.4	99.6	99.6	99.8	99.8	99.9	99.9	30.01	00.01	30.04	.00 . 00	.03.0 .03.0	00.01	00.0	00.0
≥ 700 ≥ 600	98.C	99.4	99.5	99.6	99.8	99.8	99.9	99.91	10.0h	30.01 00.01	50.04	93.00	90.01	00 • ii k	00.01 01.01	
≥ 500 ≥ 400	98.0	99.4	99.6	97.6	99.8	99.8	99.9	99.91	30.01	00.0h	<u>:0.04</u> :0.06	20 • 3h	22.0	00.0	30.0	
≥ 300 ≥ 200	78.€	99.4	99.5	99.6	99.8		99.9	99.9L	<u> </u>	00. Jh	աս. թև	nc.uk		an. it	പരംഗം	na.al
≥ i00 ≥ 0	38.5	99.4					24.2	99.90	JU - 01	00.01	00.71	20.0h		50 . J.k.	no.nt	00.00
	98.C	99.4	99.5	99.6	99.8			99.91	00.01	00.01	00	33.06	00.01		00.01	

TOTAL NUMBER OF OBSERVATIONS...

93,

USAF ETAC JULIS 0-14-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

C

SLUDAL CLIMATOLOGY GRANCH USAFFTAC AIR LEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY |

HONOLULU JAP HI

71-91

19475

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

8:40-2000

						VIS	IBILITY (ST.	ATUTE MIL	ES)					·	
≥10	≥6	≥5	≥4	≥3	≥21/2	≥2	≥1%	≥14	≥1	≥ 3,4	≥ ¾	≥ 1/2	≥5/16	≥ ¼	≥0
49.2 _9.	49.2 59.1	47.2 50.	49.2 59.:			49.2 59.7	49.2 59.	49.2 59.1			49.2 59.7	49.2	49.2 59.0	49.2 59.3	19.2
59.2 59.4	59.2 59.4	59.2 59.4	59.2 59.4				59.2 59.4	59.4 59.4	59.2 59.4	59.2 59.4	59.2 59.4	59.2 59.4	59.2 59.4	59 • 2 59 • 4	59.2 59.4
5^.8 -2.5	6'•ε' 52•5	65.8 52.5	62.5			63.5 62.5	68 52.5	6⊊•8 52•5	61.8 62.5	63.8 62.5	60.8 62.5	60.8 62.5	60.8 52.5	60.8 62.5	63.8 62.5
65.8	65.8	55.3	65.8				55.1 65.8	65.1 65.3	55.1 65.8	65.1 65.£	65 · 1	55.1 65.8	65. 65.8	65.8	55.l 55.8
ا عاد	(6.5	66.	66.	66.0	66.0	55.0	56.0	<u>66.0</u>	66.0	66.7	56.	65 • ii	55. 56.	66 · 1	بتعنينا
75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
92.2	52.8	92.8	92.8	92.8	92.8	92.8	92.8	97.8	97.8	92.8	92.8	92.8	92.8	92.3	92.3
34.	94.7	94.7	94.7	54.7	54.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.5
77.3 8.1	98.2	98.2	98.2	58.2	98.2	98.2	98.2	98.2	98.2	98.7	98.2	98.2	98.2	98.2	96.7 98.2 99.1
98.3 78.4	59.2	99.	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
93.4						99.9	99.9	99.0	99.9	99.9	99.9	99.9	29.9	99.9	
78.4 78.4	99.5		99.7 99.7				99.9 99.9	90.9	99.9	99.0	99.9			99.9 9 9. 9	
98.4		99.6		99.9	99.9	99.9	99.9 99.9	99.5	99.9			99.9	99.9	99.9 99.9	99.9
98.4	99.5	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9 99.9		99.9
98.5	99.6	99.7	99.8	•00•0	100.0	100.0	100.0	199.6	100.0	100.0	100.0	13(.0	100.0	(30•0.	100.3
	4 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	49.2 49.2 49.2 49.2 49.2 49.2 49.2 49.2	49.2 49.2 49.2 29.2 59.2 59.2 59.4 59.4 59.4 59.4 59.4 59.4 59.4 59.4	49.2 49.2 49.2 49.2 59.2 59.2 59.2 59.2 59.2 59.2 59.2 5	49.2 49.2 47.2 49.2 49.2 59.1 59.1 59.1 59.1 59.1 59.2 59.2 59.2 59.2 59.2 59.2 59.2 59.2	49.2 49.2 49.2 49.2 49.2 49.2 49.2 39.2 59.1 59.1 50.1 59.1 50.0 59.4 59.4 59.4 59.4 59.4 59.4 59.4 59.4	≥10 ≥6 ≥5 ≥4 ≥3 ≥2½ ≥2 49.2 49.2 49.2 49.2 49.2 49.2 49.2	≥10 ≥6 ≥5 ≥4 ≥3 ≥2½ ≥2 ≥1½ 49.2 49.2 49.2 49.2 49.2 49.2 49.2 49.2	210 ≥6 ≥5 ≥4 ≥3 ≥2	49.2 49.2 49.2 49.2 49.2 49.2 49.2 49.2	210 ≥6 ≥5 ≥4 ≥3 ≥24 ≥2 ≥16 ≥16 ≥1 ≥6 49.2 49.2 49.2 49.2 49.2 49.2 49.2 49.2	210 ≥6 ≥5 ≥4 ≥3 ≥2% ≥2 ≥1% ≥1% ≥1% ≥1 ≥% ≥% 49.2 49.2 49.2 49.2 49.2 49.2 49.2 49.2	\$\frac{\begin{array}{c c c c c c c c c c c c c c c c c c c	210 ≥6 ≥5 ≥4 ≥3 ≥2% ≥2 ≥1% ≥1% ≥1% ≥1 ≥% ≥% ≥% ≥5/16 49.2 49.2 49.2 49.2 49.2 49.2 49.2 49.2	210 26 25 24 23 22% 22 21% 21% 21 24 24 24 24 49 24 49 24 49 24 24 24 24 24 24 24 24 24 24 24 24 24

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

3493

1

CEILING VERSUS VISIBILITY

2252

HONOLULU IAP HI

7:-83

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2122-2322

CEILING							VIS	BILITY (ST	ATUTE MILI	ES)						
(FEET)	≥10	≥6	≥ 5	≥4	≥ 3	≥27	≥?	≥1%	≥1%	≥1	≥ 3,4	≥%	≥ '⁄7	≥ 5/16	≥ ¼	≥0
NO CEILING ≥ 20000	55.4 51.7	55.4 51.7	55.4 61.7	35.4 61.7	55•4 6 •7	55.4 61.7	55.4 61.7	55.4 61.7	55.4 61.7	55.4 61.7	55.4 51.7	55.4 61.7	55.4 61.7	55.4 61.7	55.4 61.7	55.4 51.7
≥ 18000 ≥ 16000	01.7 01.7	51.7 61.7	61.7 61.7	61.7	61.07	61.7 61.7	61.7	61.7 61.7	51.7 61.7	61.7	61.7 51.7	61.7	61.7	61.7	61.7	51.7 51.7
≥ 14000 ≥ 12000	= 3 • 6 54 • 7	63.6 64.7	63.6 64.7	63.6 64.7	63.6 64.7	63.6 54.7	63.6	63.6 54.7	63.6	53.6 64.7	53.5 54.7	63.5 64.7	63.6 64.7	63.6 64.7	63.6 64.7	63.6 64.7
≥ 10000	56.1 56.5	66.2 66.7	65.2 56.7	66.2 65.7	66.2 66.7	56•2 66•7	66.2 66.7	66.2 55.7	56.2 56.7	66.2 66.7	65.2 66.7	55.2 65.7	55.2 55.7	56.2 55.7	56.2 56.7	66.2 56.7
≥ 8000 ≥ 7000	05.8 56.8	67.1	67.1	67.1	57.1 67.1	67.1 67.1	67.1 67.1	57.1 67.1	67.1 67.1	67.1 67.1	67.1	67.1	57.1 67.1	67.	67.1	67.1
≥ 6000 ≥ 5000 ≥ 4500	67.3 74.	67.5	67.5	67.5 74.2	67.5 74.2	67.5 74.2	67.5 74.2	67.5 74.2	57.5	67.5	67.5	67.5 74.2	67.5	67.5	67.5 74.2	67.5
≥ 4000 ≥ 3500	ა6•3 % •5 %1•±	91.5	86.5 91.2 91.2	86.5 91.2 91.6	86.5 91.2 91.9	86.5 91.2 91.8	96.5 91.2	86.5 91.2	86.5 91.2	86.7 91.3 91.9	86.7 91.3	86.7 91.3	91.3	91.3	36.7 91.3	86.7 91.3
≥ 3000 ≥ 2500	92 • d	93.1	93.1 96.1	93.1	91.9 93.1 96.1	23.1 26.1	91.8 93.1 96.1	91.8 93.1 96.1	91.8 93.1 96.1	93.2 96.2	91.9 93.2 96.2	91.9 93.2 96.2	91.9 93.2 96.2	91.9 93.2 96.2	91.9 93.2 96.2	93.2 96.2
≥ 2000	5.4 57.5	97.5		97.5 98.6	97.5 98.6	97.5	97.5	97.5 98.6	97.5 98.6	97.6 98.7	97.5 98.7	97.6	97.6 98.7		97.6 98.7	1
≥ 1500	97.6 97.8	98.7		93.8	98.8 99.6	98.8	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9 99.7	98.9 99.7
≥ 1000	98.1 98.1	99.4		99.8 99.8	99.8		99.8		29.8	99.9	99.9	99.9	1		99.9 99.9	99.9
≥ 800	98.1	99.4	99.5	99.8	99.8 99.8	99.8	99.9		99.9	100.0 100.0	100.0	02.0	100.0	نبعون	10.n	יו נים
≥ 600	98 • ±	99.4	99.5 99.5	99.8	99.8 99.8			99.9		196.0 199.3	- N-1-	100.0	100.0	130.0 130.0	10.0 100.0	
≥ 400	98.1	99.4	99.5 99.5	99.8 99.8	99.8 99.8						100.0 100.3	ເຄວ.ປ ພ້ອດ.ປ	130.0	100.0	20.3	04.0
≥ 200	98.1 58.1	99.4	99.5	99.8	99.8	99.8	99.9	99.9	99.9		100.0			100.0 10.0	100.0	
≥ 0	98.1	99.4	99.5	99.8	99.8	99.8	99.9	99.9	99.9	130.0	100.0	100.0	0.00	100.0	00.0	70.0

TOTAL NUMBER OF OBSERVATIONS

929

USAF ETAC JUL 64 0-14-5 (OL A) MEVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

HONOLULU IAP HI

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	IBILITY (ST.	ATUTE MIL	ES)						
(FEET)	≥10	≥6	≥5	≥ 4	≥3	≥2⅓	≥2	≥1%	≥114	≥1	≥ ¾	≥%	≥ 1/2	≥ 5/16	≥ ¼	≥0
NO CEILING ≥ 20000	51.3 60.2	51.3 60.2	51.3 60.2	51.3 60.2	51.3 50.2	51.3 Ed.2		51.3 50.2	51.3 50.2	51.3 61.2	51.3 60.2	51.3 61.2	51.3 6.2	51.3 60.2	51.3 53.2	51.3
≥ 18000 ≥ 16000	5 .3	63 86	5°•3	60.3 51.5	60.3 60.5	60•3 60•5	60.3 60.5	50.3 50.5	60.3 60.5	51.3 57.5	67.3 60.5	61.3 60.5	5 · 3 6 · 5	60.3 63.5	60.3 63.5	64.3 55
≥ 14000 ≥ 12000	61.6 53.4	61.6 63.4	61.5 63.4	61.6 63.4	61.6 53.4	51.6 63.4	61.5 63.4	61.5 63.4	61.6 63.4	61.6 63.4	61.5 63.4	61.5 53.4	51.6 63.4	61.6 53.4	61.5 53.4	51.6
≥ 10000 ≥ 9000	ა5•8 66•8	65•9 55•3	55.9 66.9	65.9 65.8	65.9 56.8	65.9 65.8	65.9 66.8	65.9 56.8	55.9 65.8	55.9 66.3	65.9 66.3	65.9 66.8	55.9 55.8	65.9 66.0	65.9	65.9 56.8
≥ 8000 ≥ 7000	67.1 67.2	67.2 57.2			67•2 67•2	57•2 67•2		67.2 67.2	67.2 67.2	67.2 67.2	67.2 67.2	67.2 67.2	67.2 67.2	57.2 67.7	67.2 67.2	67.2 57.2
≥ 6000 ≥ 5000	68.4 75.8	68•5 75•3	68.5 76.	69.5 75.0	68.5 76.3	68.5 76.3		58.5 76.0	68•5 76•7	68.5 76.	68.5 76.3	68.5 76.:	69.5 75.0	68.5 75.	68.5 76.	58.5 76.1
≥ 4500 ≥ 4000	39.2 91.3	38.5 91.8			51.9	88.6 21.9	91.9	88.6	88.6 91.9	91.9	58.5 91.9	88.5 91.5	39.5 91.9	88.6 91.7	88.5 91.7	\$8.6 9.0
≥ 3500	91.9 93.	92•5 93•6	92.5 93.7	92.6 93.7	92.6 93.7	\$2.5 93.7	93.7	92.6 93.7	92.5 93.7	92.5	92.5 93.7	92.5 93.7	92.6 93.7	92.6 93.7	92.5 93.7	92.6 93.7
≥ 2500 ≥ 2000	95.7 27.5	२6∙4 08•4	98.5	98.6	96•5 93•6	96.5 98.6	98.7	96.5 98.7	98.7	93.7	96.5 98.7	96.5 98.7	96•5 98•7	96.5 38.7	96.5 98.7	96.5 98.7
≥ 1800 ≥ 1500	97.9 98.1	98•3 99•1	29.3	99•1 99•3	99•1 99•4	99•2 99•5	99.6	99•2 99•6	99.2 39.5	99.3 99.6	99.3 99.5	99.3	99.3 99.6	99.3	99•3 99•5	99.5
≥ 1200	48 • 1 28 • 1	99•2 99•3	99.4 99.5	99.6	99.7 99.8	99.7 99.8	99.9	99.8 99.9	99.8 99.9	99.9	99.9	99.9		99.9	99.9	99.9
≥ 900 ≥ 800	98.1 79.1	99.3	99.5 99.5	29.6	99.8 99.8	99•8 99•8	99.9	99.9	99.9	99.9	100.0		المنابا	100.01 100.01	100.3 113.3	1
≥ 700 ≥ 600	58.1 98.1	99.3 99.3	99.5 99.5	99.6	99.8 99.8	99.8 99.8	99.9	99.9	99.9 99.9	99.9		703°0	130.0 130.0	100.0	130.0	100.0
≥ 500 ≥ 400	48.1	99.3	99.5	99.6	99.8	99.8	99.9 99.9	99.9 99.9	99.9	99.9	ه.منن	100.0	153.0	100.0	73.9	100.0
≥ 300	98.1 98.2	99.3	99.5	99.7	99.8 99.8	99.8	99.9	99•9 99•9	99.9	بكمثث	רים		130.0 130.0	100.ŭ		100•0
≥ 100 ≥ 0	38.2 38.2	99.3	99.5 99.5	99.7 99.7	99.8 99.8			99.9 99.9	99.9	100.0	100.0 100.0		150.0 130.5	100.5 110.4	130.0 130.0	196.0 13.2.0

TOTAL NUAIBER OF OBSERVATIONS.

0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM

CEILING VERSUS VISIBILITY

HUNOLULU IAP HI

71-83

ARR

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

22,2-5260

CEILING							VIS	IBILITY (ST.	ATUTE MIL	ES)						
(FEET)	≥10	≥6	≥5	≥4	≥3	≥2 ?	≥2	≥1⅓	≥1%	≥1	≥ 3,4	≥ ¾	≥ ⅓	≥ 5/16	≥ ¼	≥0
NO CEILING ≥ 20000	47.8 35.7	47.8 55.7	47.8 55.7	47.8 55.7	47.8 55.7	47.8 55.7	47.8, 55.7	47.8 35.7	47.8 55.7	47.8 55.7	47.3 55.7	47.9 55.7	47.8 55.7	47.8 55.7	47.8 55.7	47.8 55.7
≥ 18000 ≥ 16000	55.7 55.7	55.7 55.7	55.7 55.7	55.7 55.7	55.7 55.7	55.7 55.7	55.7 55.7	55.7 55.7	55.7 55.7	55.7 55.7	55.7 55.7	55.7 55.7	55.7 55.7	55.7 55.7	55.7 55.7	55.7 55.7
≥ 14000 ≥ 12000	5°	58.1 54.7	58.1 59.7	53.2 59.7	52.3 50.7	58 J	58.7 59.7	58.3 59.7	58.7	58.3 59.7	58.7 59.7	58.3 59.7	58.3	58. 59.7	58 • 0 59 • 7	58.5 59.7
≥ 10000	52.1 62.4	52.1 62.4	62.4	52.1 62.4	62.1 £2.4	62.1 52.4	62.1 62.4	52.1 52.4	52.1 62.4	62.1 62.4	62.1 62.4	52.4 52.4	62.1 52.4	62.4 62.4	62.1 62.4	52.1 52.4
≥ 8000 ≥ 7000	52.6 52.5	52.5 52.6	62.5 <u>62.5</u>	62.6 62.6	62.6 62.6	52.6 52.6	62.5 62.6	52.6 52.6	62.6 52.5	62.6	52.5	62.5 52.5	52.5 52.6	62.6 52.6	62.5 52.5	52.6 52.6
≥ 6000 ≥ 500v	53.1 71.9	53.1 71.9			63.1 71.9	63.1 71.9	63.1 71.9	63.1 71.9	63.1	63.1 71.9	63.1 71.9	63.1	63.1	63.1 71.9	63.1	63.1 71.9
≥ 4500 ≥ 4000	93.1	89.3 <u>93.2</u>	93.2	93.2	88.3 53.2	38.3 93.2	80.3 93.2	93.2	38.3 93.2	93.3	93.3	93.3	88.4 93.3	38.4 93.3	93.3	93.3
≥ 3500 ≥ 3000	94 • . 54 • 4	94.1 94.6	94.1 94.6		94.5	94.1 54.5	94.1 94.5	94.1 94.6	94.1 94.5	94.2 94.7	94.2 94.7	94.2 94.7	94.2	94.2	94.2	
≥ 2500 ≥ 2000 ≥ 1800	95.9 93.9	96.1 99.1	95.1	99•1	96.1 99.1	96.1	96.1 99.1	96.1 99.1	95.1 99.1	96.2	95.2	96.2 99.2	96•2 99•2		96.2	95.2
≥ 1500 ≥ 1500	99.3 39.3	99.5 99.5	99.5	99.6	99.6	99.6 99.5	29.6	99.6	99.6	99.7 99.7	99.7	99.7 99.7	99.7	99•7	99.7 9 9.7	99.7 99.7 99.9
≥ 1000	39.3 39.3	99.7	99.9	99.9	99.9	99.5 99.9		99.8 99.9		99.9 100.0	99.9	99.9 138.0 108.0	99.9 200.0		99.9 30.3	لنعيد
≥ 800 ≥ 700	39.3 39.3	39.7	99.9	99.9	99.9			99.9	99.9	100.0		100.0	מבמעו	30.0	07.0	00.0
≥ 600	99.3 79.3	99.7	i	99.9	99.9			99.9	99.9	100.0	100.7	100.0 100.0	10.0	سعودا	:10.7	L I
≥ 400 ≥ 300	29.3 29.3	99.7 99.7	1	99.9	99.9	99.9	99.9	99.9	99.9		100.1 100.5	(03.3	.00.0	10.1	27.5 60.0	Cue
≥ 200	99.3	99.7	99.9	99.9	99.9		99.9	99.9	99.9	1.00.0	100.0	100.0	1.11.0	130.0	30.0 30.0	30.5
\$ 0	79.3	99.7	1		1 1			1		1	100.0	1				00.0

TAL NUMBER OF OBSERVATIONS 91

USAF ETAC JULIA 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

900

CEILING VERSUS VISIBILITY

HONOLULU IAP HI

71-85

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

7-7-3500

CEILING							VIS	IBILITY (ST	ATUTE MIL	ES)						
(FEET)	≥10	≥6	≥5	≥4	≥3	≳2%	≥ 2	≥1½	≥114	≥1	≥ ¾	≥%	≥%	≥ 5/16	AI AI	≥0
NO CEILING ≥ 20000	56 27.7		5∵.6 57.7	53.6 57.7	57.7	53•6 57•7	50.6 57.7	50.6 57.7	51.6 57.7	5u•6.	53.51 57.7	50.6 57.7	50 • 6 57 • 7	50.6 57.7	50.6 57.7	51.6 57.7
≥ 18000 ≥ 16000	57.7 57.8	57.7 57.8	57.7 57.8	57.7 57.8	57 .7 57 . 8	57.7 57.8	57.7 57.8	57.7 57.8	57.7 57.8	57•7 57•8	57.7 57.8	57•7 57•8	57.7 57.8	57.7 57.8	57.7 57.8	57.7 57.8
≥ 14000 ≥ 12000	59.	59 51.4	59. 61.4	59 61.4	50.0 61.4	59.1 51.4	59.8 51.4	59.4 51.4	59.3 61.4	59.J	59.^ 51.4	59.J	59.3 51.4	59.:	59.0 61.4	59•€ 6.4
≥ 10000 ≥ 9000	5 3. 6	63.6 64.0	53.5 54.7	53.6 54.0	63.6 54.5	63.6 54	63.5 64.3	63.6	63.6 64.	63.5 54.1	63.5	63.5	63.6 64.7	53.5 64.	63.5 64.)	53.6 64.0
≥ 8000 ≥ 7000	:4.1	64.1 64.1	64.1 64.1	54.1 54.1	64 • 1 64 • 1	64.1 64.1	54.1 64.1	54.1 54.1	64 • 1 64 • 1	64.1 64.1	64 • 1 64 • :	64.1 64.1	64.1 64.1	64.1 64.1	64.1 64.1	54.1 54.2
≥ 6000 ≥ 5000	54.3 /201	54.3 73.1	64.3 73.1	64.3 73.1	64.3 73.1	7301	64.3 73.1	64.3 73.1	54.3 73.1	64.3 73.1	64.3 73.1	64.3 73.1	64.3 73.1	64.3 73.1	64.3 73.1	64.3
≥ 4500 ≥ 4000	30.4 74.7	94.7	9 • 4 94 • 7	9 • 4	9 . 4	9)•4 94•7	90.4 94.7	90.4	93.4	90•4 94•7	90.4 94.7	913.4 94.7	97.4 94.7	90.4 94.7	90.4	93.4
≥ 3500 ≥ 3000	95.1 55.6	95.2 95.8	95.2 95.8		95.2 95.8					95.2 95.8	95.2 95.8	95.2 95.8	95•2 95•8		95.2 95.8	95.2 95.8
≥ 2500 ≥ 2000	38.3	95.7 58.9	96.7 98.9			95.7 98.9		96.7 98.9	96.7 98.9	96.7 98.9	96 • 7 98 • 9	96.7 98.9	95.7 98.9	96•7 98•9	96.7 98.9	
≥ 1800 ≥ 1500	.8.8 .9.3	99.3		99•3	יהה.ח	l Citati	:30.0		100.0		130.	99.3 199.2				103.4
≥ 1200 ≥ 1000	19.3 79.3	11 0 • 0 1. 0 •	100.1	109.0	تعتبنا	100.0	100.0	لعمت	100.0	100.0	ם. מכנו	100.0	معددنا	تعوما	10.0	100.0
≥ 900 ≥ 800	59.3 29.3	ر من ت تعتب	المدادات	100.U	تعتب	1340.	1:19.0	100.0	100.0	ico.o	156.0	100.0	تعددا	20.5	00.0	الأمنت
≥ 700	09.5 19.3	1 1600 2000	100.0		100.0	لبعثانا	1 والنا	170.1	100.0	123.1	230.	100.3	ican	00.0	130.0	امعتد
≥ 500 ≥ 400	19.3 39.3	190.0 190.0	100.0	100.0	170.0	1 :0• 7 100• 0	110.5	100.0	100.0	100.0	100.4	199.3	تعتانا	[00•3 00•3		
≥ 300 ≥ 200	99.3	180.0 .50.0	100.0	100.0	100.0	100.0 100.0	100.0	192.0	100.0	130.0	100.0	ina.n	160.0	سمقت	100.0	نافقات
≥ 100	99.3 99.3	_70.0	130.3	190.0		103.8 100.6	1							100.0	1	1 1

TOTAL NUMBER OF OBSERVATIONS.

0.

USAF ETAC JUL 64 0-14-5 (OL A) MEVIOUS EDITIONS OF THIS FORM ARE OBSOLE

CEILING VERSUS VISIBILITY

2752

HUNCLULU 1AP HI

71-87

AB3

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

36 7-7807

CEILING							VIS	BILITY (ST	ATUTE MIL	ES)					,	
(FEET)	≥10	≥6	≥5	≥4	≥3	≥21⁄2	≥ 2	≥1½	≥1%	≥ı	≥ '₄	≥ %	≥ 15	≥5/16	≥ ′4	≥0
NO CEILING ≥ 20000	49.4 52.	49.4 52.	49.u 52.1	49.4 6~	49.4 0.0	42.4 52.3	49.4 62.7	49.4 62.0	47.4 62.0	49.6 62.1	49.3 82.1	49.6 62.1	49.6	49.5 62.1	49.5 52.1	49.6 62.
≥ 18000 ≥ 16000	62.2 62.3	62.2 62.3	62.2 62.3	32.2 6₹.3	52.2 52.3	62.2 52.3	62.2 62.3	62.2 62.3	62.2 £2.3	62.3 52.4	62.3 62.4	52.3 62.4	52.3 62.4	62.3 62.4	62.3 62.4	52.3 52.4
≥ 14000 ≥ 12000	53.6 85.4	63.6 65.4	63.5 65.4	63.6 65.4	63.5 65.4	63.6 55.4	63.6 65.4	53.6 65.4	63.6 55.4	53.7 55.6	63.7 65.5	63.7 65.6	53.7 65.6	63.7	63.7 65.6	53.7 55.6
≥ 10000 ≥ 9000	67.8 68.3	67.8 68.3	67.8 68.7	67.8 68.9	67.8 68.0		57.8 68.7	67 · 8	67.8 68.	67.9 58.1	57.9 68.2	67.9 68.1	67.9 63.1	67.9 68.1	67.9 68.1	67.9 68.1
≥ 8000 ≥ 7000	58.1 68.2	68 • 1 58 • 2	58.3 68.2	68 • 1 68 • 2		68.1 68.2	58.1 58.2	68 • 1 68 • 2	58.1 68.2	58 • 2 68 • 3	68.2 68.3	66.2 68.3	68.2 53.3	68•2 68•3	68 • 2 6.3 • 3	68.2 6d.3
≥ 6000 ≥ 5000	58.6 77.6		58.6 77.5					68.6	68.6 77.6	68.7 77.7	68.7 77.7	68.7 77.7	58•7 77•7	58 • 7 77 • 7	58.7 77.7	58.7
≥ 4500 ≥ 4000	\$3.5 56.6	93.7		93.7	93.7	93.7	93.7	93.7 96.7	93.7 95.7			93.9 96.9	93.9	93.9	93.9	93.9
≥ 3500 ≥ 3000	96.7 96.9	36.8 97.0	96.8 97.		96.8	96.8		96.8 97.0		97.3 97.2	97.3 97.3	97.0 97.2	97.0 97.2			97.G
≥ 2500 ≥ 2000	37.8 58.9	97.9	97.9 99.2	97.9 99.2	97.9	97.9	97.9	9 7. 9		98.1	98.1	98.4	98.1	98.1	98.1	98.1
≥ 1800 ≥ 1500	79.4	99.7	99.7 99.8	99•7 99•8	99.7 93.8	99.7 99.8	99.7 9 9. 8	99.7 99.8	99.7	99.9		99.9	99.9		99.9	99.9
≥ 1200 ≥ 1000	79.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	104.0	198.5		02	150.5	100.3 100.3	03.0
≥ 900 ≥ 800	19.4	99.8	99.5 99.8	99.8	99.8	99.8	59.8	99.8 99.8	99.8	100.5	100.0	199.0	100.0	00.0		[33•8
≥ 700 ≥ 600	59.4	79•8 99•8	99.8 99.8			99.8 99.8		99.8 99.8	99.8 99.8	100.0		.00.0	157.8 130.0		.60.0	
≥ 500 ≥ 400	99.4 39.4		99.8			99.8 99.8		99.8		100.3 100.3		00.J	143.8 30.7		188.0	.70.0 75
≥ 300 ≥ 200	99.4		99.8	99.8	97.8	99.8 99.8	99.8	99.8	99.8	100.U	rec•c	100.0		190.0	.60.9	3.00
≥ 100 ≥ 0	99.4 99.4		99.8	99.8	99.8	99.5		99.3		100.0	100.0	100.0		100.0	130.0	

TOTAL NUMBER OF OBSERVATIONS

901

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLE

CEILING VERSUS VISIBILITY

HONOLULU IAP HI

71-83

A D Q

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1950-1106 HOURS (\$5)

CEILING							VIS	IBILITY (ST	ATUTE MIL	ES)						
(FEET:	≥10	≥6	≥5	≥ 4	≥3	≥2 2	≥ 2	≥1½	≥14	≥l	≥ ⅓	≥%	≥ 1/2	≥ 5/16	≥ ¼	≥0
NO CEILING ≥ 20000	45.9 55.1	45.9 58.1	45.9 58.1	45.9 56.1	4°.9	43.9 58.1	45.9 53.1	45.9 58.1	45.9 58.1	45.9 58.1	45.9 58.1	45.9 58.1	45.9 58.1	45.9 58.1	45.9 58.1	45.9 58.1
≥ 18000 ≥ 16000	58 • 4 56 • 8	58.4 58.8	58.4 58.8	58.4 58.8	53 • 4 53 • 8	58 • 4 58 • 8	59.4 58.8	58.4 58.8	58.4 58.8	58.4 58.3	58 • 4 58 • 3	58.4	58.4 58.8	58.4 58.8	58 • 4 58 • 8	58.4 58.8
≥ 14000 ≥ 12000	£1.1	51.2 54.2	61.2 64.2	51.2 64.2	51.2 64.2	61.2 64.2	61.2 64.2	51.2 54.2	61.2 54.2	61.2 64.2	61.2 64.2	61.2 64.2	51.2 54.2	61.2 64.2	61.2 64.2	
≥ 100.00	.5.2 .5.5	66.3 66.5	65.3 66.5	66.3 66.6	66.3 56.6	66.3 66.6	66.3 65.6	66.3 56.6	66.3 26.3	66.3 56.6	56.3 66.6	66.3 66.6	66.3 66.6	66.3	56•3 .56•6	66•3 65•5
≥ 8000 ≥ 7000	25.5 -5.5	56.5 56.9	66.5 66.9	56•6 66•5	66.6 65.9	66.5 _66.9	ύ6•5 <u>56•</u> 9	56.5 56.3	66.6 66.3	66.6 65.5	55 • 5 65 • 9	55.5 55.9	65.5 66.9	66•5 5 6• 9	66.6 66.9	56.6 66.5
≥ 6C00 ≥ 5C00	67•4 78•8	67.6 79.3	67.5 79.	67.6 79	67.6 79.5	67.6 79.3	79.0	67.6 79.1	57.5 79.7	67.6 79.1	67.6 79.3	67.6 79.	67.6 79.5	67.6 79.1	67.5 79.11	57.5 79.
≥ 4500 ≥ 4000	5%•5 3•1	93.7	92•2 93•9	92•2 93•9	57.2 93.9	93.9	92.2	92.2	92.2	92.2 93.9	92.2	92.2 93.9	92.2 93.9	92•2 93•9	92.2	92•2 93•9
≥ 3500 ≥ 3000	>3.03 24.4	94.1 95.2	94 • 1 95 • 2	94.1 95.2	54.1 95.2	94.1 95.2	94.1	94.1 95.2	94 • 1 25 • 2	94.1	94 • 1 95 • 2	94.1	94.1	94.1	94.1	94.1 95.2
≥ 2500 ≥ 2000	5.9 97.9	96.7 98.8	96.7	96.7 98.8	96 • 7 98 • 8	95.7 98.8	96 • 7 98 • 8	96.7 98.8	96•7 98•3	98.8	96.7 98.8	96.7	96.7 98.8	96.7 98.8	96.7 98.8	96.7 \$8.8
≥ 1900 ≥ 1500	98.2 98.4	99.2	99•2 29•7	99•2 99•7	99•2 99•7	99.2 39.8	99•2 99•8	99.2 99.8	99•2 99•8	99.2 99.5	99•2 99•8	99.2 99.8	99.2 99.8	99.2	99.2	39.8
≥ 1200	-ε.4 -ε.4	99.3 99.8		99.8	99.8	99.9			99.9	99.9	99.9	99.9	99.9	99.9	99.9	
≥ 9C0 ≥ 800	58.4 48.4	99.8 99.3	90.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9 99.9	99.9	99.9		99.9
≥ 700 ≥ 600	98•" 78•4	99.5 99.8	99.8	99.8	99.8	99.9	99.9		99.9 99.9				99.9	99.9	99.9	
≥ 500	98.4 93.4		99.9		99.8	99.9	99.9		99.5	15.10.2		بعقف	1.0.0	190 - 1	120.5	(بعد ت
≥ 300 ≥ 200	78.4 78.4		99.8	99.8	99.3	99.9	99.9	99.9	99.9	160.0	100.2	10	معتنا	70		2
≥ 100 ≥ 0	78.4 78.4	99.8 99.8		99.8		99.9	99.9		99.9	180.0	100.7	103.0	130.0	100.0	100.0	لنعتف

TOTAL NUMBER OF OBSERVATIONS______

TISAE ETAC HILL O-14-5 (OL A) MENOUS EQUIONS OF THIS FORM ARE CASOLE

CEILING VERSUS VISIBILITY

HONOLULU TAP HI

71-57

APR

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1290-1497 8005-131

CEILING							VIS	IBILITY (ST.	ATUTE MIL	ES)						
IFEET:	≥10	≥6	≥5	≥4	≥3	≥2'2	≥ 2	≥1%	≥1¼	≥1	≥ ¾	≥%	≥ ′5	≥ 5,16	≥ ¼	≥0
NO CEILING ≥ 20000	43.9 57.8	43.9 57.8	44. 57.9	44.5 57.9	94.0 57.9	57.9	44.0 57.9	44.; 57.9	44.0 57.9	44.0 57.9	44.0 57.9	44.3 57.9	44.3 57.9	44.J	44.0 57.9	44.7. 57.5
≥ 18000 ≥ 16000	57.9 58.2	57.9 58.2	58. 59.3	5ε.3	58.7 58.3	58 58.3	58.3 58.3	28.J 58.3	58.C 58.3	58.0 58.3	58.3 58.3	58.3	58.0 52.3	58.2 58.3	58.3 58.3	58 • £
≥ 14000 ≥ 12000	€5.02 53.4	52 53.2	67.3 63.3	6 • 3 6 3 • 3	63.3	61.3 53.3	5 3 • 3 5 3 • 3	63.3 53.3	63.3 63.3	63.3 63.3	63.3 63.3	60.3 53.3	67.3 63.3	60.3 63.3	60.3 63.3	50.3 63.3
≥ 10000	55.1 56.1	65•1 66•1	65.2 66.2	65.2 65.2	55.2 55.2	65.2 66.4	55.2 56.2	65•2 66•2	65.2 56.2	55.2 66.2	65 • 2 66 • 2	65.2 66.2	65.2 66.2	55.2 56.2	65.2	65.2
≥ 8000 ≥ 7000	66.2 66.2	56.2 55.2	66.3 66.3	66.3	66.3 65.3	66.3 66.3	56.3 56.3	55•3 56•3	56 • 3 55 • 3	56.3 56.3	56.3 56.3	65•3 55•3	55 • 3 66 • 3	66.3 66.3	66.3 56.3	56.3
≥ 6000 ≥ 5000	56.8 75.7	66.8 75.7	56.9 75.3	65.9 75.8	66.9 75.8	65.9 75.8	66.9 75.8			66.9 75.8	56.3 75.8	56.9 75.8	66.9 75.8	66.9 75.8	66.9 75.8	
≥ 4500 ≥ 4000 ≥ 3500	\$1.6	82.6 92.2	89.9 92.5	89.9 92.6	89.9 92.5			89.9 92.6	39.9 92.6	89.9 92.6	89.9 92.6	89.9 92.6	89.9 92.6	89.9 92.5	89.9 92.5	99.9
≥ 3000 ≥ 3000	52.1 74.6	95.2		93•1 95•6			93.1 95.6			93.1 95.6	93.1 95.6	93.1 95.6	93.1 95.6	93.1 95.0	95.1 95.6	93•1 95•:
≥ 2000	25.8 28.4 28.4	97.4 28.7	97.8 99.5	97.8 99.0 99.4	69.0	99.0		97.8 99.1		97.8 99.1	97.8 99.4	97.8 99.4	97.8	97.8		
≥ 1500	58.4 28.4	99.4	99.3	99.8	99.8	99.8	99.4 99.8 99.8	99.4 99.9	99.9	برويت	100 100.0	للمينات		99.4	00.0	
≥ 1000	73.4	39.4 09.4		99.8	99.8	99.8	99.8		99.9	J0.0	150.5 150.5	100.3	100.0	10.1	nu.n	Cued
≥ 800	/8 · 4	99.4		99.8	99.8	99.8	99.8	99.9	99.9	0 و بان ا		100.0	33.0	00.0		ومنت
≥ 600	ςe.4 98.4	99.4		99.8	99.8	99.8	99.8	99.9	99.9	150.0 150.0	100.	103.3 100.0	11.0.0	נ.סני	130.0	100.
≥ 400	. 5 · 4	99.4		99.8	99.8	99.8	99.8	99.9	99.9	100.0	10C.C	103.j	11.1.0	0	00.0 00.0	00.0
≥ 200	28.4	29.4		99.8	99.8	99.8	99.8	99.9	99.9	185.0		.G∵o.	11.0.0		<u>.,,,,,</u>	133.1 180.2
≥ 100 ≥ 0	8.4	99.4									100.0					

USAF ETAC JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLET

CEILT 'G VERSUS VISIBILITY |

STATION

HONGLULU TAP HI

71-83

APR-

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

+500-170-

CEILING							VIS	IBILITY (ST	ATUTE MIL	ES)						
(FEET)	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1%	≥114	≥1	≥ ¾	≥ ¾	≥ ⅓	≥16	2 %	≥0
NO CEILING ≥ 20000	45.2	45•1 58•8	45. 1 59. 3	45.i 58.8	45.1 58.8	45.1 52.8	45.1 58.8	45.x 58.8	45.1 58.5	45.i 58.3	45.1 58.8	45.1 58.8	45.1 58.8	45.1 58.3	45.1 58.8	45.1 58.3
≥ 18000 ≥ 16000	58.9 55.4	53.9 59.4	5€.9 5€.4	58.9 59.4	58.9 59.4	58.9 59.4	53.9 59.4	58.9 59.4	58.9 59.4	58.9 53.4	58.9 50.4	56.9 59.4	58.9 59.4	58.9 59.4	58.9 59.4	58.9 59.4
≥ 14000 ≥ 12000	62.6 64.0	62•6 <u>54•</u> 9	52.5 64.5	62.6 54.9	62.5 64.7	62.6 64.9	52.5 64.9	52.6 64.9	62.6 64.3	62.6 64.5	62.6 64.7	62.6 54.9	62.5 64.9	52.6 64.7	62.5 64.7	52.5 54.3
≥ 10000 ≥ 9000	66.8 67.6	55.8 67.6	65.8 67.5	65.8 67.6		66.6 67.6	66.8 67.6	65.8 57.6	66.8 67.5	66.5 57.£	66 • 8 67 • £	66.8 67.5	66.8 67.6	66.8 67.5	67.5	56 • 8 57 • 5
≥ 8000 ≥ 7000	57.9 57.9	67.9 67.9		67.9 67.5	57.9		67.9 67.9	67.9 57.3	67.9 57.9	67.9 67.9	67.0	67.9	67.9 67.2	67.9 67.9	67.9 67.9	67.9 67.9
≥ 6000 ≥ 5000	58.5 79.4	58.5 79.4	79.6	68.6 79.4	79.4	63.6 79.4	58.6 79.5	58•6 79•6	58∙6 79•6	68.5 79.6	68.5 79.6	58.6 79.5	68.6 79.6	68.6 79.5	63.6 79.6	68.6 79.5
≥ 4500 ≥ 4000	71.2 53.8	91.3 93.9	93.5	91.3	91.3 93.9	°1•3 93•9	91.4	91.4	91.4	91.4	91.4	91.4 94.0	91.4 54.6	91.4	91.4	94.4
≥ 3500 ≥ 3000	·4.1	94.2 95.6	95.6	94.2 95.6	95.6	94 • 2 - 25 • 6	94.3 95.7	94•3 95•7	94.3 95.7	94.3 95.7	94.3 95.7	94.3 95.7	94.3	94•3 95•7	94.3 95.7	
≥ 2500 ≥ 2000	97.9	98•. <u>79•3</u>	98• 59•7	98.0 99.3	98.7	98.7	98 • 1 - 9 9 • 4	98.1	98.1	98•!	98.1	98 • 1 99 • 4	98.1	98.1	98.1	98 • 1 99 • 4
≥ 1800 ≥ 1500	9.3 7.7	99.4			99.4	09.4 99.8		99•6 1]]]•[]	133.0		100.2	99.5	99.6		99•6	99.6
≥ 1200	29.7 29.7	99.8	99.8	3.68 3.66	99.8		99.9	130.0		100.2	ianar	103.3	133.3	للمثلث	140.0 up.n	31.00
≥ 900 ≥ 800	59.7	99.8 99.8	99.3	99.8	99.8		99.9	1	173.0	100.0		100.0	مدين	120.0	100.0	عميت
≥ 700 ≥ 600	99.7	99.8 99.8	99.9		99.8		99.9	تعقنا	130.0	170.5		100.0	شعائنا	للمقت	1000	73.
≥ 500 ≥ 400	99.7 99.7	99.8	99.8	99.8	99.8	99.8	99.9	المعتالة	تعالية	تعبلتن	198•2 198•2	تعدد	المحتا	.:O	08.8	
≥ 300 ≥ 200	59.7 59.7	99.8	99.6	99.8	99.8	99.8	99.9	100.0	100.0	regar	108•6 168•7	ישמתו	تعتبا	· · · O a		7.
≥ 100 ≥ 0	99.7 99.7	99•8 <u>99•</u> 8		99.8 90.8		99.8 99.8		100.0	100.0 100.0		100.0	.00.0 .00.0	103.0		.00.0 .00.0	

TOTAL NUMBER OF OBSERVATIONS _______

USAF ETAC 101 64 0-14-5 (OL A) MEVIOUS EDITIONS OF THIS FORM ARE OBSOLET

CEILING VERSUS VISIBILITY

HONOLULU TAP HI

<u>71-81:</u>

APR -

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1857-2.01

CEILING							VIS	BILITY (ST	ATUTE MIL	ES)						
(FEET)	≥10	۵≤	≥5	≥4	≥3	≥2'3	≥ 2	≥11/2	≥1%	≥1	21/4	≥%	≥ ⅓	≥ 5/16	≥ ¼	≥0
NO CEILING ≥ 20000	47. i	47.1 52	47.1 67.2	47.1	47.1 6.2	47.1 60.2	47.1 59.2	47 • i 60 • 2	47•1 60•2	47.1 66.2	47.1 63.2	47.1 63.2	47.1 63.2	47.1 62	47.1 63.2	47.1
≥ 18000 ≥ 16000	5 • 3 31•1	6:.3	61.3 61.1	6 `• 3 51•1	65.3 61.1	6~•3 61•1	6°.3	6c.3	60.3 61.1	60.3 61.1	60.3	50.3 61.1	62.3	60.3	68.3 61.1	60.3 6.1
≥ 14000 ≥ 12000	63.1 65.6	53•; 55•5	63.° 65.6	63.6 65.6	63.0 65.5	63•∵ 55•6	33.° 35.5	53.3 55.6	63.9 55.6	63.7 65.6	63.0 65.5	63.3 65.6	63.0 65.6	63.6 65.5	63 • 0 65 • 6	63.J 55.6
≥ 10000 ≥ 9000	67.9 69.3	67.9 69.3	57.9 69.3	67.9 59.3	67.9 67.3	67.9 57.3	67.9 59.3	57.9 69.3	67.9 67.3	67.9 69.3	67.9 69.3	67.9 59.3	67.7 69.3	67.9 69.5	67.9 69.3	57.9 59.3
≥ 8000 ≥ 7000	69.9 59.9	69.5 59.9	59.9 69.9	69.9	69.9 69.9	69.9 69.9	59.9 69.9	59.9 59.9	69.9 59.9	69.9 69.9	69.9 69.9	69.9 59.9	69.9 59.9	59.9 69.3	69.9 69.9	59.9 59.9
≥ 6000 ≥ 5000	7 • 7 78 • 7	75.7 78.7	7.1.7 73.7	7.•7 78•7	71.7 78.7	73.7	70•7 78•7	75•7 78•7	70•7 78•7	73.7 78.7	73.7 78.7	73.7 78.7	75•7 78•7	70.7 78.7	70•7 78•7	7.3.7 78.7
≥ 4500 ≥ 4000	9∶•8 94•4	99	97.9 94.6		9. • 9 94 • 5	94.6	90.9 94.5	95.9 94.6	90.9 94.6	95.9 94.6	90.9 94.6	99.9 94.6	99•9 94•5	90.9 94.5	99.9 94.6	90.9 94.6
≥ 3500 ≥ 3000	າ4•8 ∀5•2	94.9	94.9	94.9 95.4	94.¥	94.9 05.4			94.9 95.4	94.9 95.4	94.9 95.4	94.5 95.4	94.9 95.4	94.9 95.4	94.9 95.4	94.9 95.4
≥ 2500 ≥ 2000	57•2 99•ë	97.4 99.2	97.5 99.3	97.6 99.3	97.6 99.3	97•5 97•3	99.3	99.3	97.5 79.3	97.6 99.3	97.5 99.3	97.6 99.3	97.6 99.3	97.5 99.3	97.6 99.3	
≥ 1860 ≥ 1500	39.3 59.4	99.7 99.8	99.9	99•8 99•9	99•8 99•9	99.8 100.0		· 1	99•8 133•3	99.8 تىنىل	99.8	99.8 100.0	99•8 150•0	99•8 .i.D.i.	99•8 الماران	99.8 190.6
≥ 1200 ≥ 1000	29•4 79•4	99•3 99•8	99.9 99.9			190.0 100.0		730•0	130.0 130.0	100.0	100.0 100.7	100.0	105.0 135.0	.00.0 .00.5		
≥ 900 ≥ 800	59.4 59.4	99.8 29.8	99.9			لآميا ا	100.0	130.0	130.0 130.0	100.0	150.0 130.7	100.0	130.0		.60.9 .33.9	
≥ 700 ≥ 600	59.4 19.4	99.8	99.9 99.9		99.9	1″0•0 1″0•0	130.7	196.8	178°4 178°4	100.u 130.u	130.0 LuC.I	135°0	100.0 157.0		100.0	00.0
≥ 500 ≥ 400	59.4 59.4	79.8	99.9 99.9		99.9	173.0 18 0. 0	100.3	700.0	102.0	100.0	1.0.1	.03.0	157.0	.00.0	180.5 10.7	10.5
≥ 300 ≥ 200	59.4 59.4	99.8	99.9	99.9	99.9	100.0 100.0	100.0		130.0	****	100.0	100.0	100.0	133.u	.00.7	30
≥ 100 ≥ 0	59.4 99.4	99•8 99•8	99.9 99.9	99.9 99.9		150.0		100.0		rca•a	100.3	100.0	138.0 150.0	100.0		190.0 194.1

TOTAL NUMBER OF OBSERVATIONS...

900

USAF ETAC 101 04 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBJORE

CEILING VERSUS VISIBILITY

2621 HONOLULU IAP HI

6498

71-87

-MONTH -

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2170~2300

CEILING							ViS	IBILITY (ST	ATUTE MIL	ES)						
(FEET)	≥10	≥6	≥5	≥4	≥3	≥2⅓	≥2	≥1½	≥11⁄4	≥1	≥ 3,4	≥%	≥ ⅓	≥5/16	≥ ¼	≥0
NO CEILING ≥ 20000	48.3 57.1	45.3 57.1	42.3 57.1	48.3 57.1	49.3 57.1	48.3 57.1	48.3 57.1	48.3 57.1	48.3 57.1	48.3 57.:	48.3 57.1	48.3 57.	48.3 57.1	48.3 57.1	48.3 57.1	48.3 57.
≥ 18000 ≥ 16000	57.1 57.4	57.1 57.4	57.4 57.4	57.4 57.4	57.1 57.4	57.1 57.4	57.1 57.4	57.1 57.4	57.1 57.4	57.4	57.1 57.4	57.1 57.4	57.1 57.4	57•1 57•4	57.1 57.4	57.4
≥ '4000 ≥ 12000	53.1 51.7	6 61.7	61.7	67•I 61•7	5 • 1 51 • 7	61 61.7	6: . i 61 • 7	51.7	61.7	65.1 57	50.1 51.7	63.1 51.7	67.1	63.1 61.7	60.1 61.7	5J.1 5.27
≥ 10000 ≥ 9000	54.0 54.3	54.0 64.8	64.9	-	64.€ 64.8		54.C 64.B	54.0 54.8	54.3 64.8	64.3 64.8	64.8	54.1 64.8	64.5 64.8	64 64.8	64.0 64.8	54.7 54.8
≥ 8000 ≥ 7000	64 · 5	64.9 64.9		64.9 64.9	64.9 64.9	64.9 64.9	54.9 54.9	54.7 54.7	64.0	64.9	64.9 64.3	64.7	64.9 54.7	64 • ÷	64.9 64.9	54.9 54.9
≥ 6000 ≥ 5000 ≥ 4500	25.6 73.6	65.5 73.6	65.6 73.5	73.6	65.6 73.5	73.6	65.6 73.6	73.6	73.6	65.6 73.5	65.6 73.6	65.6 73.6	65.5 73.6	65.4 73.5	65.6 73.6	55.6 73.6
≥ 4000 ≥ 3500	\$3.2 \$2.6 73.6	88.8 93.4 94.2	88.9 93.4 94.2	88 • 8 53 • 4	85.8 53.4	88.8 93.4	38 · 8	88.9 93.4	88.6 93.4	88•8 93•4	88.8	98.8	68.8	98.3 93.4	88.8	23.4
≥ 3000 ≥ 2500	54.7	94.7 94.7	94.2	94 • 2 94 • 8 97 • 4	94.2 94.8 97.4	94.2 94.8 97.4	94.2 94.8 97.4	94.8 94.8	94.2 94.8 97.4	94.2 94.8	94 • 2 94 • 9	94.2	94.2	94.2	94.2	94 • 2 94 • 8
≥ 2000	, 8 . 8	99.2 99.8	99.3		22.3	99.3	99.3	99.3	39.3	97.4 99.3		97.4 99.3	97.4 99.3		97.4 99.3	99.3
≥ 1500 ≥ 1200	98.8 93.8	99.8	179.11	107.0	1:0.3	عوين	100.0	LOU. a	173.0	100.0	107.3	100	1.3.6	177.1	1.17	70.0
≥ 1000	98.8	99.8		100.0		العمالة	ومون	100.0	107.0 108.0	LOC D	105.5	00.0	_مقتا		10.1	لتمثث
≥ 800 ≥ 700	78 • 8 98 • 8	99.8 99.8	100.5			مستنا	1.0.1	المتدا	1,6.0 133.0	100.0	للمالنا	تعدف	חבפטו	CO ₄ 1	101.1	no-c
≥ 500	78.8 93.8		130°C	J. DG . C	150.0	TUC O	100.0	تعتلا	130.9	معنعا	110.7	ام.مت	100.0	100.0	ເລດ.ຄ	النميرات
≥ 400 ≥ 300 ≥ 200	98 • 8 98 • 8	99.8	188.1	<u>លោក ព</u>	100.0	10:00	10000	Line	1 <u>10.0</u> 153.0	103.3	100.0	نوين	لكملاسا	يندوون	.j.j.j	بتعمت
≥ 100	9.8 2.8⊹	99.8	100.0	10J.O 10C.O					100.0 130.0				15.400	تعاث	0.00	Cusi
≥ 0	∍દ.8	95.8	170.0						บาน						រប់ព. ជ	

TOTAL NUMBER OF OBSERVATIONS

900

USAF ETAC JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLE

CEILING VERSUS VISIBILITY

STATION NAME

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOURS IL ST

CEILING							VIS	IBILITY (ST.	ATUTE MIL	ESI						İ
(FEET)	≥10	≥6	≥5	≥4	≥3	≥2%	≥?	≥177	≥11%	21	≥ %	≥%	≥ %	≥ 5-16	≥ ′₄	≥0
NO CEILING ≥ 20000	47.3 58.4	47.3 58.4	47.3 58.4	47.3 58.4	47.3 53.4		47.3 58.4	47.3 53.4	47.3 58.4	47.3 58.4	47.3 58.4	47.3 58.4	17.3 58.4	47.3 58.4	47.3 58.4	47.3 56.4
≥ 18000 ≥ 16000	58.5 58.9	58.5 56.9	58.5 58.9	59.5 58.9		58.5 58.9		58.5 58.9		56.5 55.9	58.5 58.9	58.5 59.7	58.5 58.9	58.5 58.9	58.5 58.9	58.5 58.9
≥ 14000 ≥ 12000	5 .9 63.2	51. 53.3	61. 63.3	61.1 63.3	61.3 63.3	61.3 63.3	61.3 63.3	61.u 63.3	61.7 63.3	51.7 53.3	51 63.3	51.0 63.3	51.0 33.3	51.0 53.3	51.0 63.3	51.0 53.3
≥ 10000 ≥ 9000	35.4 35.1	55.4 55.1	65.5 66.1	65.5 66.1	65.5 66.1	65.5 66.1	65.5 65.1	15.5 66.	55.5 66.1	65.5 66.1	65.5 66.1	55.5 66.1	65.5 65.1	65.5 66.1	55.5 56.1	65.5 66.1
≥ 8000 ≥ 7000	56.3 56.3	66.3 66.3	66.3	66.3 56.3	66.3 66.3	55.3 55.3	66.3 66.3	55 · 3	35.3 66.3	55.4	65.3	65 • 3 65 • 4	55.3 55.4	56.3 55.4	55.3 66.4	56.4 56.4
≥ 6000 ≥ 5000	66.7 75.1	56.9 76.1	56.9 76.1	66.9 75.1	66.9 76.1	66.9 76.1	66.9 76.1	56.9 75.1	65.9 75.1	66.9 76.1	66.9 75.1	66.9 75.1	55.7 75.1	66.9 75.1	66.9 76.1	56.9 76.:
≥ 4500 ≥ 4000	9 •4 ∉3•7	96.7	90.7 94.1	91.7	93.7	93.7	99.7	70.7 94.1	93.7	93.7 94.2	97	9.07	95.7	93.7 94.2	93.7	95.7 94.2
≥ 3500 ≥ 3000	74.2 25.1	95.4	94.6 95.5	94.6 95.5	94.5	94.6	74.5 95.5	94.6 95.5	94.6 95.5	94.6 95.5	94.5	94.6	94.6 95.5	94.6	94.5 95.5	94.6 55.5
≥ 2500 ≥ 2000	96.8 98.6	97.2	97.3	97.3 99.1	97.3 99.1	97.3 99.1	97.3 99.1	97.3 99.1	97.3	97.3 99.2	97.3 99.2	97.3 99.2	97.3 99.2	9 7.3	97.3 99.2	97.3 99.2
≥ 1800 ≥ 1500	98.9 29.1	99.5	99.6	99.6		99•6 99•3	99.6 99.8	99.6 99.9	99.6	99.5 99.9	99.5	99.6	99.5	99.6	99.6	99.6
≥ 1200 ≥ 1000	.9.1 19.1	99.7	99.8	99.8 99.9		99.9 99.9	99.9	99.9 99.9	99.9 99.9	1 1 5 . D	130.5 130.	105.0	13.B	30.0 33.	.00.9	03.3
≥ 900 ≥ 800	99.1	99.7 99.7	99.9	99.9 99.9		99.9	99.9 99.9	99.9	99.9	100.0	130.5 100.8	193.8 198.8	03.5 05.3	.60.3 .55.1	03.7.	.33.5 :24.6
≥ 700 ≥ 600	9.1	99.7	99.9	99.9 99.9		99.9	99.9 99.9	99.9 99.9	99.9	130.6 133.8	100.0 100.0	183.6 189.6	0.28J	100.6 100.6		120.0 Cu.C
≥ 500 ≥ 400	39 · f	99.7	99.9	99.9 99.9		99.9	99.9 99.9		99.9 99.9		190.0 Luc.5	100.0	105.3 105.3	.00.0	:30.8 :03.3	
≥ 300 ≥ 200	99.1	99.7 99.7					99.9 99.9	1	99.9	l^u.j 1.3.0	130.5 :23.7	199.3	(39.8 (85.8	130.0	.33.3 00.0	90.5
≥ 100 ≥ 0	.9.i	99.7 99.7	1 7 7 7 1			99.9 99.9					180.3 186.8	193.3 133.3	:50.0 :57.0	.00.3 .00.J	130.0 130.3	.30.0 .33.0

TOTAL NUMBER OF OBSERVATIONS 7:09

USAF ETAC 101 64 0-14-5 (OL A) HERMOUS EDITIONS OF THIS FORM ARE OBSOLE

Amos water (m)

CEILING VERSUS VISIBILITY

22321

HONOLULU TAP HI

71-85

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

5220-0204

CEILING							VIS	BILITY (ST.	ATUTE MIL	ES)						
(FEET)	≥10	≥6	≥5	≥4	≥3	≥2⅓	≥2	≥1%	≥1¼	≥1	≥ ¾	≥ ¾	≥%	≥ 5/16	≥¼	≥0
NO CEILING ≥ 20000	56.9 65.3	56.9 65.3	56.9 65.3	56.9 65.3	56.7 65.3	56.9 65.3	56.9 65.3	56.9 65.3	55.9 65.3	56.9 65.3	56.9 65.3	56.9 65.3	56.9 65.3	56.9 55.3	56.9 65.3	56.9 55.3
≥ 18000 ≥ 16000	65.3 65.3	65.3 65.3	65.3 65.3	65.3 65.3	65.3 65.3	65.3 65.3	65.3 65.3	65.3 65.3	65.3 65.3	65•3 65•3	65.3 65.3	65.3 65.3	65.3 65.3	65.3 65.3	65.3 65.3	65•3 65•3
≥ 14000 ≥ 12000	65.6 65.5	55.6 66.5	65.5 65.5	65.6 66.5	65.6 66.5	65.6	65.6 65.5	65.6 65.5	65.6 56.5	65.6 65.5	65.6	65.6 66.5	65.6 66.5	65.6 66.5	65.6 56.5	65.6 66.5
≥ 10000 ≥ 9000	67.2 57.8	67.2 57.8	67.2 67.8	67.2 67.8	67.2 67.8	67.2 67.8	67.8	67.2 67.8	57.2 67.8	67.2 67.8	67.2 67.8	67.2 67.8	67 • 2 67 • 8	67.2 67.8	67.2 67.8	57.2 57.8
≥ 8000 ≥ 7000	57.8 67.8	57.8 67.8	67.8 57.8	67.8 67.8	67.8 67.8	67.8 57.8		67.8 67.8	67.8 67.8	67.8	67.8 67.8	57.8 67.8	67.8 67.8	67.8 67.8	67.8 67.8	57.8 57.8
≥ 6000 ≥ 5000	67.8 76.3	67.8 76.3	76.3	67.8 76.3	67.8 76.3	67.8 75.3	67.8 76.3	57.8 76.3	67.8 76.3	47.8 3	67.8 75.3	67.8 75.3	67.8 75.3	67.8 76.3	67.8 76.3	67.8 76.3
≥ 4500 ≥ 4000	92•9 95•6	92.9	96.5		96.6	92.9 96.6	96.6			92.9 96.6	92•9 96•5	92.9 96.6	92.9	92.9 96.5	92.9 96.6	92.9 96.6
≥ 3500 ≥ 3000	97.3 97.3	97.5 97.3	97.3	7-1-8-4		97.3		97.3	97.3	97.3	97.3 97.3	97.0 97.3	97.0 97.3	97.3 97.3		97.3
≥ 2500 ≥ 2000	98.8 99.5	98.8	99.5	98.8 99.7	99.7	99.7	99.7	98•8 99•7	99.7	98•8 99•7	98•8 99•7	98.8 99.7	98 • 8 99 • 7	98.8	99.7	98.8
≥ 1800 ≥ 1500	99.6 99.6	99.6 99.6	99.7	99.9	100.0	100.0	100.7	בסבו	107.0	100.1		137.0			99.8	
≥ 1200 ≥ 1000 ≥ 900	99.6	99.6 99.6	99.7	99.9	177.0	100.0	100.0	105.0	139.0	בשנת	100.3	100.0	100.0	.00	מיתו	00.0
≥ 800	99.6	99.5	99.7	99.9	1 " n . n	199.0	100.7	120.0	110.0	105.0	100.0	100.0	120.0	ن و و و	co.c	00.U
≥ 600	99.6	99.5	99.7	99.9	107.7	100.0	100.0	100.0	100.0	ביינחו		103.	ماسا	ion.o	00.0	00.0
≥ 500 ≥ 400 ≥ 300	99.6 99.6	99.6 99.6	99.7	99.9	100.0	100.0	100.0	100.0	100.0	LOGAC	100.0	0.0	المشاتية	130.3	10.3	يتمنت
≥ 200	99.6 99.6	99.6 99.5	99.7	99.9 99.9	160.6	_	100.0	100.0	100.0	00.0	100.0 105.0	100.5	מברייו	DL.	.00.0 	تنعيات
≥ 100 ≥ 0	59.5	99.6		99.9						•	100.0					F

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLE

CEILING VERSUS VISIBILITY

22521

IH PAI UJUJONGH

71-80

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1-300-0500

CEILING							VIS	BILITY (ST	ATUTE MIL	ES)						
(FEET)	≥10	≥6	≥5	≥ 4	≥3	≥2%	≥ 2	≥11/2	≥114	≥1	≥¾	≥%	≥ 1/2	≥ 5/16	≥ ¼	≥0
NO CEILING ≥ 20000	58.4 65.8	58 • 4 55 • 8	58.4 65.8	58.4 65.8	58 • 4 65 • 8	58 • 4 65 • 8	58 • 4 65 • 8	58.4 65.8	58 • 4 65 • 8	58•4 65•8	58 • 4 65 • 8	58 • 4 65 • 8	58.4 65.8	58.4 65.8	58•4 65•8	58 • 4 65 • 8
≥ 18000 ≥ 16000	65.8 65.8	65.8 65.8	65.8 65.8	65.8 65.8	65.8 65.8	65.8 65.3	65.8 65.8	65.8 65.8	65.8 65.8	65•8 65•8	65.8 65.8	65.8 65.8	65.8 65.8	65.8 65.8	65.8 65.8	65.8 65.8
≥ 14000 ≥ 12000	65.8 67.1	65.5 67.1	65.3 67.1	65.8 67.1	65.8 67.1	65.8 67.1	65.8 67.1	65.8 67.1	65.8 67.1	55.8 67.1	65.8	65.8 67.1	65.8 67.1	65.8 67.1	65•8 67•1	65.8 67.1
≥ 10000 ≥ 9000	67.4 67.8	67 • 4 67 • 8	67.4 67.8	67.4 67.8	67.4 67.8	67.4 67.8	67.4 67.8	67.4 57.8	67.4 67.8	67•4 67•8	57.4 67.8	67.4 67.8	67.4 67.8	67.4 67.8	67.4 67.8	67.4 67.8
≥ 8000 ≥ 7000	67.8 67.3	67.8 67.8	67•8 67•8	67.8 67.8	67.8 67.8	57.8 67.8	67.8 67.8	57.8 67.8	67.8 67.8	67.8 57.8	67.8 67.8	67.8 67.8	57.8 67.8	67.8 57.8	67.8 57.8	57.8 57.8
≥ 6000 ≥ 5000	68.⊈ 75.2	68.0 75.2	68.0 75.2	68.0 75.2	75.2	68.0 75.2	68.0 75.2	68.0 75.2	68.0 75.2	68.0 75.2	68.0 75.2	68.0 75.2	68.J 75.2	68.0 75.2	68.0 75.2	68•0 75•2
≥ 4500 ≥ 4000	91.5 95.9	91.5 95.9	91.5 95.9	95.9	95.9	51.5 95.9	95.9	91.5 95.9	91.5 95.9	91.5 95.9	91.5 95.9	91.5 95.9	91.5 95.9	91.5 95.9	91.5 95.9	91.5 95.9
≥ 3500 ≥ 3000	97.5	97.3 97.1	97.1	97.5 97.1	97.1	97.0 97.1	97.0 97.1	97.0 97.1	97.1 97.1	97.0 97.1	97.3 97.1	97.0 97.1	97.0 97.1	97.0	-/-1-8	
≥ 2500 ≥ 2000	97.6 99.0	97.7 99.1	97.7 99.1	97.7 99.1	97•7 99•1	97•7 99•1	97.7 99.1	97.7 99.1	97.7 99.1	97•7 99•1	97.7 99.1	97.7 99.1	97.7 99.1	9 7. 7	97.7 99.1	99.1
≥ 1800 ≥ 1500	99.4	99.6 99.7	99.6 99.7	99.7	99.7	99•5 99•7	99.7	99.6 99.7	99.6 99.7	99.7	99.5 99.7	99.6 99.7		99.6 99.7		99.7
≥ 1200 ≥ 1000	99.6	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.3	100.0	100.0	130.0	100.0	<u>.,n.n</u>	00.0
≥ 900 ≥ 800	99.6	99.8	99.8	99.8	99.8	1 10.0	100.0	100.0	100.0	100.0	ico.n	100.0	ם.ממו	100.0	100.0	70.0
≥ 700 ≥ 600	99.6	99.8	99.9	99.8	99.8	1::0.3		100.0	100.0	100.0	100.0		100.0	100.0		00.0
≥ 500 ≥ 400	99.6 99.5	99.8 99.8	99.8	99.8	99.8	100.0		170.0	100.0	100.0	100.0	200.0	100.3	100.0		nu.r
≥ 300 ≥ 200	99.6	99.8	99.8	99.8	99.8	100:0	100.0	100.0	100.0	100.0	100.0	130.0		CD . I		00.0
≥ 100	99.6						100.0 100.0		r ·	1	1		1		100.0	• :

USAF ETAC JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

2252

IH GAI UJUJONCH

71-87

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

.<u>1600-0800</u>

CEILING	•						VIS	BILITY (ST	ATUTE MILI	ES)						
(FEET)	≥10	≥6	≥5	≥4	≥3	≥2%	≥ 2	≥1½	≥1%	≥1	≥ ¾	≥%	≥ 1/3	≥ 5/16	24	≥0
NO CEILING ≥ 20000	57•2 69•	57.2 69.5	57.2 69.5	57.2 69.	57.2 69.0	57.2 69.0	57•2 69•0	57.2 69.0	57.2 69.0	57•2 69•0	57.2 59.n	57.2 69.0	57•2 69•0	57•2 69•0	57•2 69•3	57.2 59.0
≥ 18000 ≥ 16000	69.1 69.2	69.1 69.2	69.1 69.2	69•1 69•2	69.1 69.2	69.1 69.2	69.1 69.2	59.1 59.2	69.1 69.2	69.1 69.2	69.1 69.2	69.1 69.2	69.1 69.2	69.1 69.2	69.1 69.2	69•1 69•2
≥ 14000 ≥ 12000	70.1 71.4	73.1 71.4	75.3 71.4	70 • 1 71 • 4	71 71.4	70.1 71.4	70•1 71•4	70•1 71•4	75.1 71.4	70.1 71.4	70.1 71.5	70.1	70.1	70.1 71.4	70.1	70 • 1 71 • 4
≥ 10000	73.4	72.7	72.7 73.4	72.7 73.4	72.7	72.7 73.4	72.7	72.7	72.7 73.4	72.7 73.4	72.7 73.4	72.7	72.7 73.4	72.7 73.4	72.7	72.7
≥ 8000 ≥ 7000	73.8	73.7 73.8	73.7	73.7 73.8	73.7	73.7 73.8	73.7 73.8	73.7 73.8	73.8	73.7 73.8	73.8	73.8	73.8	73.7 73.8	73.7	73.8
≥ 6000 ≥ 5000	74.2 32.9	74.2 82.9	74.2 82.9	74 • 2 82 • 9	74.2 82.9	74.2 82.9	74 • 2 82 • 9	74 • 2 82 • 9	74.2 82.9	74.2 82.9	74.2 62.9	74.2 82.9	74.2 82.9	74.2 82.9	74.2	74.2 32.9
≥ 4000	94.7 97.6	94.7	94.7 97.5	94.7 97.6	97.5	94.7 97.6	94.7 97.6	94.7	94.7	94.7	94.7	94.7	97.5	94.7	94.7 97.6	94.7
≥ 3000	97.7 97.7 98.4	97•7 <u>97•7</u> 98•5	97.7 97.7 98.5	97•7 97•7 98•5	97.7 97.7 98.5	97.7 97.7 98.5	97•7 <u>97•7</u> 98•5	97.7 97.7 98.5	97.7 97.7 98.5	97•7 97•7 98•5	97.7 97.7	97.7 97.7 98.5	97.7 97.7 98.5	97.7 97.7 98.5	97.7 97.7 98.5	97•7 97•7 98•5
≥ 2000	98.9 99.1	99.1	99.1	99 i 99 4	99.1	99.1 99.5	99.2 99.7	99.2	99.2	98.5 99.2 99.7	98.5 99.2 99.7	99.2	99.2	99.7	99.7	99.7
≥ 1500	99 1 99 2	99.4	99.4			99.5	99.7 99.9	99.7	99.7 99.9	99.7	99.7	99.7 99.9	99.7	99.7	99.7	1 1
≥ 1000	99.2 99.2	99.6 99.6	99.6	99.6 99.6	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 800	99.2 99.2	99.6 99.6	99.5	99.6	99.6 99.6	99.7 99.7	99.9 99.9		99.9	99.9 99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 600	99.2	99.5	99.5	99.6	99.6	99.7	99.9 99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500 ≥ 400 ≥ 300	99.2	99.6	99.5	99.6	99.5	99.7 99.7	99.9	99.9	99 3 99 9	99.9	99.9 99.9	99.9 99.9	99.9	99.9	99.9	99.9
≥ 200	99.2 99.2	99.6	99.5	99.6	99.6	99.7	99.9 99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 0	99.4										100.0				00.0	1

TOTAL NUMBER OF OBSERVATIONS 93:

USAF ETAC JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLET

500

CEILING VERSUS VISIBILITY

22521

HONOLULU IAP HI

71-83

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2000-1100

CEILING							VIS	IBILITY (ST	ATUTE MIL	ES)						
(FEET)	≥10	≥6	≥5	≥4	≥3	≥2⅓	≥2	≥1%	≥1¼	≥1	≥¾	≥%	≥%	≥ 5/16	≥ ¼	≥0
NO CEILING ≥ 20000	52.0 65.2	52.5 65.2	52.0 65.2	52.0 65.2	52.0 65.2	52.0 65.2	52.0 35.2	52.0 65.2	52.0 55.2	52.0 65.2	52.0 65.2	52.B 65.2	52.0 65.2	52.J 65.2	52.3 65.2	52.3 65.2
≥ 18000 ≥ 16000	55.4 65.7	65.4 65.7	65.4 65.7	65•4 65•7	65.4 65.7	65.4	65.4 65.7	65.4 65.7	65.4 65.7	65.4 65.7	65.4 65.7	65.4 65.7	65.4 55.7	65.4 65.7	65.4	65•4 55•7
≥ 14000 ≥ 12000	67.3 68.1	57.7 68.1	57.1 68.1	67.0 68.1	67.0 68.1	67.0 68.1	67.3 68.1	67.0 68.1	67.0 68.1	67.4 68.1	67.9 68.1	67.0 68.1	67.0 68.1	67 • £ 68 • 1	67.J 68.1	67.0 58.1
≥ 10000 ≥ 9000	69.9 79.3	69.9 70.3	69.9 70.3			69.9 70.3				69.9 73	69.9 70.3	69.9 74.3	59.9 71.3	69.9 70.3	69.9 70.3	
≥ 8000 ≥ 7000	71.0 71.0	71.0	71.0	71.0 71.0	71.0	71.0	71.0	71.0	71.0	71.7		71.0 71.0	71.0	71.0 71.0	71.5	71.3
≥ 6000 ≥ 5000	72.3 82.2	72.0 82.0	72.0 82.0	72.0 32.0	82.0	72.0 82.0	82.2	82.2	82.2	82.2	72.0 32.2	72.0 82.2	82.2	72.4 82.2	72.0 82.2	72.0 82.2
≥ 4500 ≥ 4000 ≥ 3500	94.2 95.7 95.8	96.0	94.1 96.0	96.0	96.0			94.2 96.1	94.2	94.2	94.2	94.2 96.1	94.2	94.2 96.1 96.2	94.2 96.1	94.2 95.1 96.2
≥ 3000	96.1 98.2	96.1 96.5 98.5	96.1 96.5 98.5	96 • 5 96 • 5	96.5	96.1 96.5 93.5		96.2 96.6 98.6	96.2 96.6 98.6	96.2 96.6 98.6	96.2 96.6 98.6	96.2 96.6 98.6	95.2 96.6 98.6	96.6 98.6	1	1
≥ 2000	98.9 99.0	99.2	99.2	99.2 99.5	99.2	99.2 99.5	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1500	99.5	99.7 99.7		99.8	99.8	99.9	100.0	170.0	130.0	100.0	100.0	ם • ממו	משטעו	100-7	130.0	00.0
≥ 1000	99.0	99.7			99.8	99.9	100.0	1/0.0	100.0	100.0		107.0	160.0	00.0	00.0	ոստո
≥ 800	99.0 99.0	99.7	99.7 99.7	99.8 99.8					100.0		100.0				:00.0 :00.6	
≥ 500	99.0 79.0	99.7 99.7	99.7	99.8 99.8	99.8	99.9		100.0	100.0	100°0					190°0	
≥ 400 ≥ 300 ≥ 200	99.0 79.3	99•7 99•7	99.7	99.8	99.8	99.9	\	100.0	100.0	100.0	100.0	100.0	130.0	100.0		. 0 ú · D
≥ 100 ≥ 0	99.1	99.7 99.7	99.7		99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	00.0	00.5

OTAL NUMBER OF OBSERVATIONS _____93

USAF ETAC JUL64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

12521

HONOLULU IAP HI

<u>71-85</u>

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400

CEILING							VIS	IBILITY (ST	ATUTE MIL	ES)	_					
(FEET)	≥10	≥6	≥5	≥4	≥3	≥2%	≥2	≥1%	≥1¼	≥۱	≥ ¾	≥%	≥%	≥ 5/16	≥%	≥0
NO CEILING ≥ 20000	53.7 57.0	53.7 67.1	53.7 57.	53.7 67.0	53.7 67.0	53.7 67.0	53.7 67.0	53.7 67.0	53.7 67.0	53.7 67.7	53.7 67.1	53.7 67.0	53.7 67.0	53.7 67.0	53.7 67.3	53.7 67
≥ 18000 ≥ 16000	67.3 67.4	67•3 67•4	67.4 67.4	67.3 67.4	67.3 67.4	67.3 57.4	67.3 57.4	67.3 57.4	67.3 67.4	67.3 67.4	57.3 67.4	67.3 67.4	67.3 67.4	67.3 67.4	67.4 67.4	67.3 57.4
≥ 14000 ≥ 12000	58•4 69•9	68•4 69•9	58•4 59•5	68.4 69.9	68.4 69.9	69.9		68.4 73.3	58.4 72.0	68.4 77	68.4 77.	58.4 77.0	68.4 77.3	68.4 70	68 • 4 70 • 3	68 • 4 74 • 3
≥ 10000	71.3 72.4		71.3 72.5	71.3 72.4	71.3 72.4		72.6		71.4 72.6	71.4 72.6		71.4 72.6	71.4 72.6	71.4 72.5	71.4	
≥ 8000 ≥ 7000	72.8 72.8	72.8 72.8		72.8 72.8	72.8				72.0	72.9 72.9	72.9 72.9	72.9 72.9	72.9	72.9 72.9		72.9
≥ 6000 ≥ 5000	73.1 82.8	73.1			73.1	73•1 82•8		82.9	73.2 82.9	73.2 82.9	73.2	73•2 82•9		73•2 82•9	73 • 2 82 • 9	
≥ 4500 ≥ 4000 ≥ 3500	94.2 96.2	94 • 2 96 • 2			94.2	94.2	94.3 96.3		96.3		94.3	94.3	94.3 26.3	94.3	94.3	96.3
≥ 3000	96.3 96.9	96.3 96.9		96.3 96.9	96.3 96.9	96•3 96•9	97.0	97.	96.4	95.4	97	96.4	96.4	96.4		
≥ 2000	98•7 99•6	98.7 99.8 99.8	98.7 99.8	98.7 99.8 99.8	98.7 99.8 99.8	98 • 7 99 • 8 99 • 8	98 · 8 99 · 9	99.9	98.8 99.9	98.8 99.9 99.9	98.8	98.8 99.9	98.8 99.9 97.9	98.8 99.5 99.9	98.8 99.9 99.9	98.8 99.9
≥ 1500 ≥ 1200	99.6 99.6	99.8 99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	יבחמי	130.0 130.0	COass		
≥ 1000	99.6 99.6	99.8	99.8	99.8	99.8	99.8 99.8	99.9	99.5	99.9	100.0	100.0	00.0	מבנייו	T	00.6	Cian
≥ 800	99.6	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	100.0	150.0	מ•חחו		تممت	100.0	20.0
≥ 600 ≥ 500	99.6	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	100.0	ichec	100.0	150.0	0.00	100.0	00.0
≥ 400	99.6	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	103.0	10.0	100.0	20.0
≥ 200	99.6	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.2	120.0	100.0	77.	20.7	ثعتث
≥ 100 ≥ 0	99.6		99.3		99.8	99.8	99.9					100-1	122.0	100.0	100.0	מיים

TOTAL NUMBER OF OBSERVATIONS_____9

USAF ETAC JULIA 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLET

6501

929

CEILING VERSUS VISIBILITY

22521 HONOLULU IAP HI

C

Œ

7:-80

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1570-1700 HOURS (\$1)

CEILING							VIS	IBILITY (ST	ATUTE MIL	ES)						
(FEET)	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1%	≥1¼	≥1	≥ 3,4	≥%	≥ ⅓	≥ 5/16	≥ 1/4	≥0
NO CEILING ≥ 20000	49.6 65.7	49.5 65.7	49.3 65.7	49.6 65.7	49•6 65•7	49.6 65.7	49.6 55.7	49.6 65.7	49.5 65.7	49.6 65.7	49.6 65.7	49.6 65.7	49.6 65.7	49.6 65.7	49.6 65.7	49.6 65.7
≥ 18000 ≥ 16000	56 • 1 55 • 2	55.1 56.2	66.1 66.2	66.1 66.2	55.1 65.2	66.1 56.2	66.1 66.2	56.1 56.2	66.1 65.2	66.1 65.2	56 • 1 66 • 2	66.1 66.2	66.1 56.2	66.1 66.2	66.1 66.2	56.1 56.2
≥ 14000 ≥ 12000	67.4 58.5	67.4 58.6	67.4 68.6	67.4 68.6	67.4 68.6	67.4 68.6	67.4 68.6	57.4 68.5	67.4 68.6	67.4 63.6	67.4 68.6	67.4 68.6	67.4 68.6	67.4 68.6	67.4	67.4 68.6
≥ 10000 ≥ 9000	77.6 71.5	70.6 71.5	71.5	70.6 71.5	73.6 71.5	70.6 71.5			73.5 71.5	70.6 71.5	70.6 71.5	73.6 71.5	70.6 71.5	70.6 71.5	70.6 71.5	73.6
≥ 8000 ≥ 7000	71.7	71.7	71.7	71.7 71.7	71.7	71.7	71.7	71.7 71.7	71.7 71.7	71.7 71.7	71.7 71.7	71.7 71.7	71.7	71.7 71.7	71.7 .71.7	71.7
≥ 6000 ≥ 5000	72.5 82.6	72.5 82.6		72.5 82.7	72.5		82.7	72.5 82.7			72.5 82.7	72.5 82.7	72.5 82.7	72.5 82.7	82.7	72.5 82.7
≥ 4500 ≥ 4000 ≥ 3500	94.8 96.3	94.8 96.3	96.4		96.4	96.4			94.9	96.4	94.9 96.4	94.9 96.4	94.9 36.4	94.9	94.9	94.9 95.4
≥ 3000 ≥ 3000 ≥ 2500	96.9	96.4 97.5		97.1	97.1	97.1	97.1		96.5 97.1	97.1	97.1	96.5 97.1	96.5 97.1	96.5 97.1	96.5 97.1	96.5
≥ 2000	98.9 99.6		100.0								99.1 130.0	103.7				
≥ 1500	29.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	107.0	100.0	188.0 188.3 189.3	100.7	LuO.n	100.2	10.0	00.0
≥ 1000	99.6 99.6	99.9	100.0	100.0	130.0	100.0	100.0	100.0	130.D	130.0	100.0	100.0	100.0	100.0	00.0	01.0
≥ 800	29.5 29.6	99.9	100.0	100.0	100.0	100.0	150.3	100.0	log.n	100.0	100.0 100.0	100.0	100.0	100.0	יר. ממי	20.0
≥ 600	99.6	99.9	100.0	100.0	100.1	100.C	100.0	100.0	100.5	100.0	160.0 100.0	100.0	100.0	100.0	00.0	22.0
≥ 400	99.6	99.9	199.9	100.0	100.0	100.0	160.0	100.0	130.0	100.0		100.0	100.0	189.0	130.C	0.00
≥ 200	99.6 99.6	99.9	100.5	100.0	180.0	100.0	130.0	130.0	100.0	100.0	100.0	100.3	100.0	00.0	:33.3	
≥ 0	99.6										100.3					

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC FORM 0-14-5 (OL. A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

22521 HONOLULU IAP HI

/1-813

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000

CEILING							VIS	IBILITY (STA	ATUTE MILI	ES)						
(FEET)	≥10	≥6	≥5	≥4	≥3	≥2%	≥2	≥1%	≥1%	≥1	≥¾	≥%	≥%	≥ 5/16	24	≥0
NO CEILING ≥ 20000	49.8 65.2	49.8 65.2	49.8 65.2	49.8 65.2	49.8 65.2	49.8 65.2	49 • 8 65 • 2	49.8 65.2	49.8 55.2	49.8 65.2	49.8 65.2	49.8 55.2	49.8 65.2	49•8 65•2	49.8 65.2	49.8
≥ 18000 ≥ 16000	55.4 55.6	65•4 65•6	65.4 65.5	65.4 65.6	65.4 65.6	65.4 65.6	65.4 65.5	55•4 55•6	65.4 65.6	65.4 65.6	65.4 65.6	55.4 65.6	65.4 65.6	65.4 65.6	65.4 65.6	65.4 55.6
≥ 14000 ≥ 12000	66.5 67.6	66.5 67.6	66.5 67.5	66.5 67.6	66.5 67.6	66.5 67.6	66 • 5 67 • 6	57.6	66.5 67.6	65.5 67.5	67.6	66.5 67.6	66.5 67.6	66.5 67.6	66.5 67.6	66.5
≥ 10000	69.0 69.4		69.4		69.4	69.0 69.4	69 • 0 69 • 4	69.4	69.0 69.4	69.3 69.4	69.4	69.3 69.4	69.4	69.4	69.0 69.4	69.U 59.4
≥ 8000 ≥ 7000 ≥ 6000	69.7 69.7 70.3	69.7	69.7 59.7 70.3	69.7 69.7 73.3	69.7	69.7 69.7 70.3	69.7 69.7 70.3	69.7	69.7 69.7	69.7 69.7 70.3	69.7 69.7 70.3	69.7 59.7 70.3	69.7 69.7 70.3	69.7 69.7 70.3	69.7 69.7 70.3	59.7 59.7 70.3
≥ 5000	81.1 95.1	81.2 95.3	81.2 95.3	81.2	70.3 81.2 95.3	81.2 95.3	95.3	81.2	70.3 81.2 95.3	95.3	81.2	70•3 81•2 95•3	81.2 95.3	81.2	81.2 95.3	91.2
≥ 4000	96.4	96.5	96 · 5		95.5	95.5 97.0	96.5 97.0	96.5	96.5 97.0	96.5	96.5	96.5 97.0	96.5	96.5	96.5 97.0	
≥ 3000 ≥ 2500	97.0	97.2	97.7 99.0		97.2	97.2		97.2	97.2	97.2	97.2	97.2 99.0	97.2 99.0	97.2	97.2 99.0	
≥ 2000 ≥ 1800 ≥ 1500	98.9 98.9		99.5 99.5	99.5 99.5		99.5 99.5	99.6 99.6			99.6 99.6		99.6 99.6	99.6 99.6	99.6 99.6	99.6 99.6	99.6
≥ 1500 ≥ 1200 ≥ 1000	99.2		99.8 99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.7	100.0	100.0		1.000.0	00.0
≥ 900 ≥ 800	99•2 99•2	1	99.8 99.8	99.8	100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0		100.0	30.0
≥ 700 ≥ 600	99.2	99.7	99.8	99.8	1.1/1	100.0	100.0	100.0	190.0	100.0	100.0	100.0	100.0		.00.0	100.0
≥ 500 ≥ 400	99.2		99.8	99.8		190.0	100.0	100.0	100.0	100.C	100.0	100.0	100.0		100.0	00.0
≥ 300 ≥ 200	99.2	99.7 99.7	99•8 99•8	1						,,,,,,,	100.3					
≥ 100 ≥ 0	99.2	1	99.8 99.8								100.0					1

TOTAL NUMBER OF OBSERVATIONS 92

LISAE ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE DESCRIPT

CEILING VERSUS VISIBILITY

22521

HONOLULU IAP HI

71-80

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2360

CEILING							VIS	IBILITY (ST.	ATUTE MIL	ES)						
(FEET)	≥10	≥6	≥ 5	≥4	≥ 3	≥2%	≥2	≥1%	≥14	≥ì	≥ ¾	≥%	≥ 1⁄2	≥ 5/16	≥ ¼	≥0
NO CEILING ≥ 20000	57.6 66.3	57.5 66.0	57.5 66.7	57.6 66.0	57.6 66.0	57.6 66.0	57.6 66.1	57.6 66.1	57.6 66.1	57.6 55.1	57.5 66.1	57.6 65.1	57.5 55.1	57.6	57.6 66.1	57.6 56.1
≥ 18000 ≥ 16000	66.1 66.1	66.1 56.1	56.1 66.1	66.1 66.1	66.1 66.1	55.1 66.1	66 • 2 66 • 2	66.2 56.2	66.2 66.2	66.2 66.2	66•2 66•2	66.2 56.2	66.2 66.2	66 • 2 66 • 2	66.2 66.2	66.2
≥ 14000 ≥ 12000	66.6 67.1	56.6 67.1	66.5	66.6 67.1	66.6 67.1	66.5 67.1	66.7 67.2	66.7 67.2	66.7 67.2	65.7 67.2	56.7 67.2	55.7 67.2	65.7 67.2	56.7 67.2	68.7 67.2	66.7
≥ 10000 ≥ 9000	68.3 68.6	68.3 68.6	68.3 58.6	68.3 68.6	68.3 68.6	68.3 68.6	68•4 68•7	68.4 68.7	58•4 68•7	68•4 68•7	68•4 68•7	68.4 68.7	58.4 68.7	58•4 68•7	58.4 68.7	58.4 58.7
≥ 8000 ≥ 7000	68.7 68.7	68.7 68.7	58.7 68.7	68•7 63•7	68.7 68.7	68.7 68.7	68 • 8 68 • 8	58 · 8 68 · 8	63.8 68.8	68.8 68.8	68 • 8 68 • 8	68.8 68.8	68.8 68.8	68.8 68.8	63.8 68.8	58.8 58.8
≥ 6000 ≥ 5000	58.8 76.9	68.8 76.9	68.8 76.9		68 • 8 76 • 9		68.9 77.1	58•9 77•1	58.9 77.1	68.9 77.1	58.9 77.1	68.9 77.1	68.9 77.1	68.9 77.1	68.9 77.1	58.9 77.1
≥ 4500 ≥ 4000	91.9 95.5	91.9 95.5		91.9 95.5	91.9 95.5	91.9 95.5	92•1 95•7	92•1 95•7	92.1 95.7		92•1 95•7	92.1 95.7	92.1 95.7	92.1 95.7	92.1 95.7	
≥ 3500 ≥ 3000	95.8 96.1	95.8 96.1	95.8 96.1		95 • 8 96 • 1	95.8 96.1	96 • 0 96 • 3		26.3	96.3	96.3	96.3	96.3	96.0 96.3	96.3	96.3
≥ 2500 ≥ 2000	98•3 99•6	98•3 99•7	98.3 99.3		98•3 99•8		100.0		100.0	100.0	98.5 110.7	103.0	100.0			30.0
≥ 1800 ≥ 1500 ≥ 1200	99.6 99.6	99.7 99.7	99.8 99.8	99.8		99.8	100.0	100.0	100.0	100.0		100.0	100.0	20.0	0.00	00.0
≥ 1000	99.6 99.6	99.7 99.7	99.8 99.8		. 1	99.8	100.0	100.0	100.0	100.0	100.0	100.0	130.0	00.0	100.0	00.0
≥ 800 ≥ 700	99.6 99.6	99.7	99.8		99.8	99.8	100.0	100.0	100.0	100.0	100.0 100.0 100.0	100.0	00.0	30.0		00.6
≥ 500	99.6	99.7 99.7	99.8 99.8	95.8	99.8	99.8	170.0	130.0	100.0	100.3	100.0 100.0	100.0	60.0	100.0	1.00.0	0.00
≥ 400	99.6	99.7	99.8 99.8	99.8	99.8	99.8	103.0	190.0	100.0	186.0	100.0 100.0	120.0	100.0	130.0	ם סני	06.0
≥ 200 ≥ 100	99.6	99.7	99.8	99.8	99.8	99.8	1.0.0	160.0	100.0	100.0	100.0	100.0	130.3	0.00	100.0	100.0
≥ 0	99.6	99.7									100.0					

TOTAL NUMBER OF ORSERVATIONS

USAS STAC TORM 0-14-5 (OLA) mercous sortious of this sortion and once as

927

CEILING VERSUS VISIBILITY

22521 HON

HONOLULU IAP HI 7

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOURS TO ST 1

CEILING							VIS	BILITY (ST.	ATUTE MIL	ES)						
(FEET)	≥10	≥6	≥5	≥4	≥3	≥2%	≥2	≥1%	≥1%	≥1	≥ ¾	≥%	≥%	≥ 5/16	2.74	≥0
NO CEILING ≥ 20000	54 • 4 66 • 1	54 • 4 66 • 1	54.4 66.1	54.4 66.1	54.4 66.1	54.4 56.1	54.4 66.2	54.4 56.2	54.4 66.2	54.4 66.2	54.4	54.4 66.2	54 • 4 65 • 2	54.4	54.4 66.2	54.4 66.2
≥ 16000 ≥ 16000	66.3 66.4	66.3 66.4	66.3 66.4	65.3 66.4	66.3 66.4	66 • 3 66 • 4	66.3 66.4	56.3 66.4	66.3 66.4	66.3 66.4	66.3 66.4	66.3 66.4	65.3 66.4	66.3 66.4	66.3	56.3 66.4
≥ 14000 ≥ 12000	67.2 68.3	67•2 68•3	67.2 68.3	67•2 68•3	67.2 68.3	67.2 68.3	67.2 68.3	67.2 68.3	67.2 58.3	67•2 68•3	67.2 68.3	67.2 68.3	67.2 68.3	67.2 68.3	67.2 68.3	67.2 58.3
≥ 10000 ≥ 9000	59.5 70.2	71:02	69.5 70.2	69.5 77.2	69.5 17.2	69.5 70.2	69.6 70.2	69.6 77.2	69.6 70.2	59.6 75.2	69.5 75.2	69.6 70.2	69.6 70.2	69.6 79.2	69.6 78.2	69.6 78.2
≥ 8000 ≥ 7000	70.4 70.4	70•4 70•4	70.4 70.4	76.4 70.4	73•4 76•4	78.04 71:04	70.4	78.4 70.4	70.4	70.4 70.4	70.4 70.4	74.4	78•4 76•4	78•4 70•4	70.4 70.4	70 • 4 75 • 4
≥ 6000 ≥ 5000	75.8 86.6	79•8 30•0		70.8 80.0		70.8 80.0		70.9 80.1	70.9 80.1	70.9 80.1	70.9 80.1	70.9 80.1	70.9 80.1	70.9 80.1	70.9 80.1	70.9 85.1
≥ 4500 ≥ 4000	93.6 96.3	93•7 96•3	93.7 96.4	93.7 96.4	93.7	93•7 95•4	93.7 96.4	93.7 95.4	93.7 96.4	93.7 96.4	93.7 96.4	93.7 96.4	93.7 96.4	93.7 96.4	93.7 96.4	93.7 96.4
≥ 3500 ≥ 3000	96.6 95.9	97.	96.7 97.	96.7 97.0	96.7 97.0			96 • 7 97 • ii	96.7 97.□			96.7 97.0	96.7 97.0	96.7 97.5		96.7 97.0
≥ 2500 ≥ 2000	98.4 99.2	98•6 99•5		98.6 99.5	99.5	98.6 99.5		98 • 6	98.6 99.6	99.6	99.6	98•6 99•6	98•6 99•5	98•6 99•6	98.6 99.6	98.6 99.6
≥ 1800 ≥ 1500	99.3	99•6 99•7	99.7	99.8						99.9	99.9		99.8			99.8
≥ 1200 ≥ 1000	99.4 99.4	99.7		99.8	99.8	99.9	100.0	101.0	150.0	100.0	100.0	100.0	100.0	លពិភព	00.0	חברת
≥ 900 ≥ 800	99.4 99.4	99.7	99.8 99.8	99.8	97.8	99.9	130.0	100.n	100.0	100.0	100.0	100.0	1.10.7	100.0	00.0	00.0
≥ 700 ≥ 600	99.4	99.7	99.8 99.8	99.8	99.8	90.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	រាពព
≥ 500 ≥ 400	99.4	99.7		99.8	99.8	99.9	130.0	:00.0	100.0	ם. מת.	100°C	100.0	100.0	00.0	00.0	00.0
≥ 300	99.4	92-7		99.8	99.8	99.9	100.c	100.0	100.0	100.0	100.0	100.	וייניין	ica.a	והח.ח	חבתם:
≥ 100	99.4	99.7	99.8 99.8								100.0					

TOTAL NUMBER OF OBSERVATIONS

7430

USAF ETAC 111.64 0-14-5 (OL A) MEVIOUS EDITIONS OF THIS FORM ARE OBSOLE

CEILING VERSUS VISIBILITY

22521

HONOLULU IAP HI

70-79

- MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2000-2500

CEILING							VIS	BILITY (ST.	ATUTE MIL	ES)						
(FEET)	≥10	≥6	≥5	≥4	≥3	≥2%	≥2	≥1%	≥14	≥1	≥ ¾	≥ ¾	≥%	≥5/16	≥ ¼	≥0
NO CEILING ≥ 20000	51.2 61.1	51.0 61.1	51.u 61.1	51.0 61.1	51.0 61.1	51.0	51.0 61.1	51.0 61.1	51.B 61.)	51.0 61.1	51.3 61.1	51.0 61.4	51.0 61.1	51.3 51.1	51.0 61.1	51.0 61.1
≥ 18000 ≥ 16000	61.1 51.2	61.1 61.2	61•1 61•2	61.1 61.2	51.1 51.2	61.1 61.2	51.1 61.2	51.1 51.2	61.1 51.2	51.1 61.2	61.1 61.2	61.1	61.1 61.2	61.1 61.2	61.1	61.1 51.2
≥ 14000 ≥ 12000	52.4 63.4	62.4 53.4	62•4 63•4	62.4 63.4	62.4 63.4	62•4 63•4	62.4 63.4	62.4 53.4	62.4 63.4	62.4 63.4	62.4	62.4 63.4	62.4	62.4 63.4	62.4	62.4 63.4
≥ 10000 ≥ 9000	64.0 64.2	54.0 64.2	64.0 64.2	64.0 64.2	64.0 64.2	64.0 64.2	64.0 64.2	64.0 54.2	64.2	64.2 64.2	64.7 64.2	64.0 64.2	64.2	64.5 64.2	64.0 64.2	54.0 54.2
≥ 8000 ≥ 7000	64.3	64.2 64.3	64.2 64.3	64•2 64•3	64.2 64.3	64.2 64.3	64.2 64.3	64.2 64.3	64•2 64•3	54.2 64.3	64.2 64.3	64.2 64.3	64.2	54.2 64.3	64.2 64.3	54.2 54.3
≥ 6000 ≥ 5000	64.4 72.6	54.4 72.6	64.4 72.7	64.4 72.7	64.4 72.7	64.4 72.7	64.4 72.7	64•4 72•7	64.4 72.7	54.4 72.7	64•4 72•7	64•4 72•7	64.4 72.7	54.4 72.7	64•4 72•7	54.4 72.7
≥ 4500 ≥ 4000	91.6 95.3	91•7 95•4	91.8 95.5	91.8 95.6	95.6	91.8 95.6	91.8 95.5	91.8 95.6	91.8 95.5	91.8 95.6	91 • 8 95 • 6	91.8 95.6	91.8 95.6	91.8 95.5	91.8 95.6	9±•8 95•5
≥ 3500 ≥ 3000	96.3 97.2			97.4	97.4	96.6 97.4	96.6 97.4		96•6 97•4	95.6 97.4	96.6 97.4	96.6 97.4	95.6 97.4	96.5 97.4	96.6	96.6 97.4
≥ 2500 ≥ 2000	98.4 99.1	98.6 99.3	98.7 99.4			98•7 99•4	98.7 99.4	98•7 99•4	98.7 99.4	98.7 99.4	98.7 97.4	98.7 99.4	98•7 99•4	98.7 99.4	98.7 99.4	98•7 99•4
≥ 1800 ≥ 1500	99.3 99.3	99•7 99•7		99.8	99.8	99•8 99•8	99.8	99.8 99.8	99•8 99•8	99.8 99.8		99.8 99.8	99•8 99•8	99.8 99.8	99•8 99•8	99•8 99•8
≥ 1200 ≥ 1000	99.3 99.3	99.8		137.3	100.0		100.0	100.0		100.0	100.0				99.9 Lin.a	
≥ 900 ≥ 800	99.3	99.8	100.5	100.0	100.0	100.0	100.0	120.0	160.3	100.0	120.0	100.0	100.0	00.0	.00.0 	Cual
≥ 700 ≥ 600	99.3 99.3	99.8	109.0	100.0	103.0	100.5	100.0	100.0	100.0	100.0		100.0	133.0	مومي	00-0	
≥ 500 ≥ 400	99.3	99.8		100.0	100.0 100.0	100.0	100.0	100.0	130.6	100.0	180.0	100.0	0.00	: 30 • 3 : 00 • 9	(10 · 3	130.5
≥ 300 ≥ 200	99.3	99.8	100.C	200.0	188.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	(10.)	.00.0 .00.6	100.0
≥ 100 ≥ 0	99.3										100.0 100.0					

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC HU AA 0-14-5 (OL A) MEVIOUS FORMONS OF THIS FORM ARE ORSOLES

CEILING VERSUS VISIBILITY

22571

HONOLULU TAP HI

75-79

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

VISIBILITY (STATUTE MILES) CEILING (FEET) NO CEILING 52.1 52.1 52.1 52.1 52.1 52.1 52.1 52.1 52.1 52.1 52.i 52.1 52.1 ≥ 20000 50.6 ≥ 18000 69.5 61..6 63.6 50.6 50.6 63.6 60.6 63.6 60.6 60.5 60.6 50.5 ≥ 16000 ≥ 14000 61.8 61.8 61.8 61.8 51.8 61.8 61.8 61.8 61.8 ≥ 12000 62.9 62.7 52.9 ≥ 10000 63.1 63.1 63.1 63.1 63.1 63.1 63.1 63.6 63.6 63.5 ≥ 8000 63.6 63.6 63.6 63.6 63.6 63.6 63.6 63.6 63.6 63.5 ≥ 6000 ≥ 5000 64.1 64.1 64.1 64.1 64.1 71.6 71.6 71.5 71.6 ≥ 4500 97.9 95.9 93.9 93.9 98.9 90.9 98.9 98.9 90.9 90.9 90.7 90.9 90.9 94.8 94.8 94.8 94.8 94 8 94 8 94.8 94.8 94.8 94.8 94.8 ≥ 3500 ≥ 3000 96.2 ≥ 2500 ≥ 2000 1200 ≥ 700 500 2 300 aa-alraa-alraa-alraa-alraa-alraa-alraa-alraa-alraa-alraa-elra-alraa-elraa-elraa-elraa-elraa-elraa-el <u>son eli po altao altao altao eli po eli po alta</u>

TOTAL NUMBER OF OBSERVATIONS 981

USAF ETAC JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

20521

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HONOLULU IAP HI

7'3-79

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

<u>កស្ពង្គក្នុងភព</u>

CEILING		•			- -		VIS	IBILITY (ST	ATUTE MIL	ES)						
(FEET)	≥10	≥6	≥5	≥4	≥3	≥2%	≥2	21%	≥1%	≥1	≥ 3,4	≥%	≥ '7	≥5/16	≥%	≥0
NO CEILING ≥ 20000	51.7 65.4	51.7 65.4	51.7 65.4	51.7 65.4	51.7 65.4	51.7 55.4	51.7 65.4	51.7 65.4	51.7 65.4	51.7 65.4	51.7 55.4	51.7 65.4	51.7 55.4	51.7 55.4	51.7 65.4	51.7 65.4
≥ 18000 ≥ 16000	25.5 26.2	65.5 66.1	65.5 66.1	55.5 56.1	65.5 66.1	65.5 66.1	55.5 56.1	65.5 66.1	65.5 66.1	65.5 65.1	55.5 66.1	65.5 66.1	55.5 66.1	55.5 66.1	65.5 66.1	55.5 65.1
≥ 14000 ≥ 12000	67.4 68.5	67•4 68•5	67.4 68.5	67.4 68.5	67.4 68.5	67.4 68.5	67•4 68•5	67.4 68.5	67.4 68.5	67.4 58.5	67.4 68.5	67.4 68.5	57.4 58.5	57•4 68•5	67•4 68•5	67.4 68.5
≥ 10000 ≥ 9000	68.9 69.0	68•9 69•0	68.9 69.7	68.9 69.0	68.9 69.5	68.9 69.0	69.0	53.9 59.[68.9 69.0	68•9 69•0	68.9 59.	68.9 69	68.9 69.5	68.9 69.	68.9	58.9 69.0
≥ 8000 ≥ 7000 ≥ 6000	59.2 59.2	69•2 69•2	59.2 59.2	69.2 69.2	69.2 69.2	59.2 69.2	69.2 69.2	69.2 59.2	69•2 69•2	69.2 69.2	69.2 69.2	69.2 69.2	69.2 69.2	69.2 69.2	69.2	
≥ 5000 ≥ 4500	59.6 77.1 93.1	69.6 77.1 93.1	69.5 77.	69.6 77.1 93.1	69.6 77.1 93.1	69.6 77.1 93.1	69.6 77.1 93.1	59.6 77.1 93.1	69.6 77.1 93.1	69.6 77.1 93.1	59.5 77.1 93.1	59.6 77.1 93.1	69.6 77.1	69.6 77.1 93.1	69.6 77.1 93.1	69.6 77.1 93.1
≥ 4000 ≥ 3500	96 · 96 • 2	96.4 96.4	96.3	96.3 96.6	95.3 96.6	96.3	96.3	96.3 96.5	96.3 96.6	96.3	96.3 96.6	96.3 96.6	96.3 96.5	96.3 96.6	95.3 96.6	96.3
≥ 3000 ≥ 2500	98.1	96.5 98.3	96.7 98.4	96.7 98.4	96.7 98.4	96.7	96.7	96.7 98.4	96.7 98.4	96.7	96.7 98.4	96.7 98.4	95.7 99.4	96.7	96.7 98.4	95.7 98.4
≥ 2000	99.4	99.6 99.7	99•7 99•8	99.7 99.8	99.7 99.8	99.7	99.7	99.7	99.7	99.7 99.9	99.7	99.7 99.9	99.7 99.9	99.7	99.7	99.7
≥ 1500	99.4 99.4	99.7	99.9 99.9	99.9 99.9	99.9	100.0	******	100.0	160.7 130.0	100.0	100.0	100.0 100.0	100.0			00.0
≥ 1000 ≥ 900 ≥ 800	99.4	99.7 99.7	99.9 99.9	99.9 99.9	99.9 99.9	:57.0 1.5.0	100.0 100.0	100.0	130.0 188.0	100.0 100.0	130.0	100.0	100.0	00.0	:00.0	.00•0
≥ 700 ≥ 600	99.4	99.7 99.7	99.9	99.9	99.9 99.9	1.0.0	103.C	100.0		100.0	100.0	100•0	100.0	100•0	100.0	
≥ 500 ≥ 400	99.4	99.7	99.9	99.9	99.9			170.3 100.0				100•0	100.0	130.6 100.6	100.0	00.0
≥ 300 ≥ 200	99.4 99.4	99.7 99.7	59.9	99.9	99.9	100.0	100.0	100.0	100.0		130.3	100•C	130.0 130.0	00.0	00.0	100.0
≥ 100 ≥ 0	99.4 99.4	99.7	99.9	99.9	99.9		130.0		100.0	103.0 103.0	100.0	100•0	100.0 100.0	100.3		30.0 30.0

TOTAL NUMBER OF OBSERVATIONS

899

USAF ETAC PULGA 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

C

CEILING VERSUS VISIBILITY

HONOLULU TAP HI

70-79

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1000-1100 HOUR #110

CEILING				·			VIS	IBILITY (ST	ATUTE MIL	ES)						
(FEET)	≥10	≥6	≥5	≥4	≥3	≥2⅓	≥?	≥1⅓	≥14	≥1	≥¾	2%	≥%	≥ 5/16	≥ ¼	≥0
NO CEILING ≥ 20000	44.7 61.6	44.7 61.6	44.7 61.5	44.7	44.8 61.7	44.8	44•8 61•7	44.8 61.7	44.8 61.7		44.9	44.9 61.8	44.9 51.8	44.9 51.8	44.9 61.8	44.9 51.8
≥ 18000 ≥ 16000	61.7 62.1	51.7 62.1	51.7 62.1	61.7 62.1	61.8 62.2	61.8 62.2	51.8 52.2	61.8 62.2	61.8 62.2	62.0 62.3	62.¥	62.0 62.3	62.0 62.3	62.0 62.3	62.0 62.3	52.0 52.3
≥ 14000 ≥ 12000	63.1 64.1	53.1 64.1	63.1 64.1	63.1 64.1	67.2 64.2	53.2 54.2	63.2 64.2	63.2 64.4	63.2 64.2	63.3 64.3	63.3 64.3	63.3 64.3	63.3	63.3 54.3	63.3 64.3	53.3 64.3
≥ 10000 ≥ 9000	54.5 54.8	64.5 64.8	64.6 64.3	64.6 64.8	64.7 65.0	64.7 65.0	64.7 55.7	64.7 55.1	64.7	64.8 65.1	64.8	64.6 65.1	54.8 65.1	64.8 55.1	64.8 65.1	64 • 8 55 • 1
≥ 8000 ≥ 7000	65.0 <u>65.</u> 0	65.0 65.0	65.1 65.1	ىمى . 02∙0	65•1 65•1	65.1 65.1	65.1 65.1	65•1 55•1	55•1 55•1	65•2 65•2	65•2 65•2	65•2 65•2	55.2 55.2	65•2 65•2	55.2 55.2	55•2 55•2
≥ 6000 ≥ 5000	65.5		65.5 77.3	65•5 77•3		65.6 77.4			65.6 77.4		65.7 77.5	65•7 77•5	65.7 77.5	65.7 77.5	65.7 77.5	55•7 77•5
≥ 4500 ≥ 4000	91.7 94.2	91.7	91.7 <u>94.5</u>	91.7 94.5		91.8 94.7		94.7		94.8	94.8	91.9 94.3	94.8	91.9	91.9	91.9
≥ 3500 ≥ 3000	94.2 95.1	95.3	94.5 95.4		94.7 95.6	94.7	95.5	95.6		95.7	95.7	95.7	95.7	25.7	95.7	
≥ 2500 ≥ 2000	≎7.9 28.9	99.3	98.2 99.4	99.4	99.	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.3	198.4 47.8	99.8	09.8
≥ 1800 ≥ 1500	98.9 98.9	99.4		99.6	99.8	99.9	99.9	99.9	99.9	100.0		.nn.c	120.0	تعقفا	100.0	רייני
≥ 1200 ≥ 1000	98.9	99.4	99.6	99.6	99.8	95.9	79.9	99.9	99.9	100.0		100.0	140.0	100.1		00.0
≥ 900 ≥ 800	98.9 98.9	99.4		99.6	59.8	99.9	99.9	29.0	99.9	innan		100.0	173.0	00.0	02.0	100.0
> 700 ≥ 600	98.9 98.9	99.4		99.6	29.8	99.9	99.9	99.9	99.9	سعست	100.0	מ.כבו	100.0	100.0	110.0	05.0
≥ 500 ≥ 400	98.9	99.4		99.6	99.8	99.9	99.9	99.9	99.9	100.0	100.0	103.0	7	00.0	00.0	Come
≥ 300 ≥ 200	98.9 78.9	99.4		99.6	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.7	משמטו	100.0	100.7	
≥ 100	98.9	1	99.6		1			1		130.0	100.0	100.0			100.0	

USAF ETAC JULGS 0-14-5 (OL A) MEVIOUS EDITIONS OF THIS FORM ARE DISOLET

CEILING VERSUS VISIBILITY

22521

HONOLULU IAP HI

70-79

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1260-1400

CEILING							VIS	BILITY (STA	ATUTE MIL	ES)						
(FEET)	≥10	≥6	≥5	≥4	≥3	≥2⅓	≥2	≥1%	≥14	≥1	≥ ¾	≥%	≥'⁄2	≥ 5/16	≥ 1⁄4	≥0
NO CEILING ≥ 20000	43.9 52.2	43.9 52.2	43.9 62.2	43.9 62.2	43.9 62.	43.9	43.9 62.2	43.9 52.2	43.9 62.2	43.9	43.9 62.2	43.9 62.2	43.9 62.2	43.9 62.2	43.9 62.2	43.9 62.2
≥ 18000 ≥ 16000	52.4 63.5	62.4 63.7	62.4 63."	62.4 63.3	62.4 63.0	52.4 63.2	62.4 63.7	52.4 63.0	62•4 63•1	62•4 63•1	62.4 63.7	62.4 63.3	62.4 63.0	62.4 63.1	62.4 63.0	52•4 53•5
≥ 14000 ≥ 12000	63.5 65.1	63.9 55.1	63.9 65.1	63.9 65.1	63.9 65.1	63.9 65.1	63.9 65.1	63.9 65.1	63.9 65.1	63.9 55.1	63.9 65.	63.9 65.1	63.9 65.1	53.9 65.1	63.9 65.1	53.9 65.1
≥ 10000 ≥ 9000	გ 5. 4 ი5•6	55.4 65.6	65.4 65.5	65.4 65.6	65.4 65.6	65.4 65.6	65.4 65.6	65.4 65.6	65.4 55.5	65.4 65.6	65.4 65.5	65.4 65.6	65.4 65.6	65.4 65.5	65.4 65.6	65.4 65.6
≥ 8000 ≥ 7000	55.6 55.6	65.6 65.6	65.6 65.6	65.6 65.6	1 1 1 1	65.6	65.6 65.6	65.6 55.6	55.6 65.6	65.6 65.6	65.6 65.6	65.6 65.6	65.6 65.6	55.6 65.6	65.6 65.6	55.6 65.6
≥ 6000 ≥ 5000	55.4 78.8	66•4 78•3	66.4 78.8	66.4 78.8		66.4 78.8	66.4 78.8	66•4 78•8	66.4 78.8	65.4 78.8	66.4 78.8	66.4 78.8	56.4 78.8	66.4 78.8	56.4 78.8	66•4 78•8
≥ 4500 ≥ 4000	92.1 94.6	92.1 94.6	92.1 94.5	92.1 94.6	92•1 94•6	92.1 94.6	92.1 94.6	92.1 94.6	92.1	92.1 94.6	92 · 1 94 · 5	92.1	92.1	92.1 94.5	92.1	92.1 94.6
≥ 3500 ≥ 3000	95.1 96.9	95•1 96•9	95•i 96•9	95.1 96.9	95•1 96•9	95.1 96.9	95.1 96.9	95•1 96•9	95•1 96•9	95.1 96.9	95.1 96.9	95.1 96.9	95.1 95.9	95 • 1 96 • 3	95•1 96•9	95•1 96•9
≥ 2500 ≥ 2000	98•9 99•3	98.9 99.3	98.9 99.4	98.9 99.4	98 .9 99 . 4	98.9 99.6	98.9 99.5	98.9 99.6	98.9 99.5	98.9 99.6	98.9 99.6	98.9 99.6	98.9 99.6	98.9 99.6	98.9 99.6	98.9 99.6
≥ 1800 ≥ 1500	99.4 99.5	99.4	99•5 99•8	99.6 99.8	99•6 99•8	99•7 99•9	99.8 133.0	99.8 150.0	99.8 130.0	99.8 100.0	99.8 175.6	99.8	99.8	99.8 1.0	99.8	99.8
≥ 1200 ≥ 1000	99.6 99.6	99.6 99.6		99.8 99.8	99.8 99.8	99.9	100.0 100.0	190.8 180.6	130.0	100.0		100.0	100.0	100.0	100 m	190.0 190.0
≥ 900 ≥ 800	99.6 99.6	99.6 99.6	99.8	99.8 99.8	99•8 99•8	99.9	130.0	100.0	100°C	100•0 150•0	100.0	100.0	130.0 130.0	.00.0		1000 1000
≥ 700 ≥ 600	99.6		99.3	99•8 99•8	99.8	99.9 99.9	100.0	100.8	100.5	100.G	180.0 140.2	100.0	150.0	T		00.0
≥ 500 ≥ 400	99.6 99.6	99.6 99.6	99.3			99.9	100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 105.0	100.0	100.0	.00 • 0 .00 • 3	100.0
≥ 300 ≥ 200	99.6 99.6	99.6	99.3				130.0 100.0	190.0 130.0		100.0 100.7	100.5	100.0	100.0		100.0	
≥ 100 ≥ 0	99.6							133.0 133.0				100°C	100.0		100 • 0	01.0

TOTAL NUMBER OF OSSERVATIONS 960

USAF ETAC JUL 64 0-14-5 (OL. A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLE

CEILING VERSUS VISIBILITY

HONOLULU TAP HI

70-79

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

15:0-1700

CEILING							VIS	BILITY (ST	ATUTE MIL	ES)						
(FEET)	≥10	≥6	≥5	≥4	≥3	≥2⅓	≥2	≥1½	≥14	≥1	≥ 1/4	≥ ¾	≥ ⅓	≥5/16	≥ 1,4	≥0
NO CEILING ≥ 20000	49.8 58.4	49.8 68.4	49.8	49.8 58.4	49.8 68.4	49.8 68.4	1 '' '	49.8 68.4	49.8 68.4	49.8 68.4	49.8 68.4	49.8 68.4	49.8	49.8 68.4	49.8	49.3
≥ 18000 ≥ 16000	68.5 59.4	68.5 69.4			68.5 69.4	58.5 69.4		68.5 59.4	68.5	58.5 69.4	68.5 60.4	63.5 69.4	68.5	58•5 59•4	68.5	68.5 69.4
≥ 14000 ≥ 12000	75.6 72.4	70.5 72.4		75.6 72.4	77.6 72.4	70.6 72.4	70.6	70.6 72.4	73.6	73.6	79.5 72.4	70.6	70.6	70.5	70.6	70.6 72.4
≥ 10000 ≥ 9000	72.9 73.1	72.9	73.1	72.9 73.1	7c.9	72.9 73.1	72.9 73.1	72.9	72.9 73.1	72.9	72.9	72.9	72.9 73.1	72.9 73.1	72.9	72.9
≥ 8000 ≥ 7000	73•2 73•2	73.2 73.2	73•2 73•2	73•2 73•2	73•2 73•2	73.2 73.2	73•2 73•2	73•2 73•2	73.2 73.2	73.2 73.2	73.2	73.2	73.2	73.2	73.2 73.2	73.2 73.2
≥ 6000 ≥ 5000	73•7 84•6	73.7 84.6	73.7 84.6	73.7	73.7 84.5	73.7 84.6	73•7 84•6	73.7 84.6	73.7 84.6	73.7 84.6	73.7	73.7	73.7 84.6	73.7	73.7 84.6	73.7
≥ 4500 ≥ 4000	95.9 97.2	95.9 97.2	97.3	95•9 97•3	95.9 97.3	95.9 97.3	97.3	95.9 97.3	95.9 97.3	95•9 97•3	95.9 97.3	95.9 97.3	95.9 97.3	95.9 97.3	95.9 9 7. 3	95.9 97.3
≥ 3500 ≥ 3000	97•2 98•1	97.2 98.1	97.3 98.2	97•3 38•2	97.3 98.2	97•3 98•2	98.2	97•3 98•2	97•3 98•2	97•3 98•2	97.3 98.2	97.3 98.2	97.3 98.2	97.3 98.2	97•3 98•2	97.3
≥ 2500 ≥ 2000	98.9	98.9 99.6	99.0 99.7	99.0 99.7	99.5 99.7	99.5 99.7	99.7	99.7	99.0 99.7	99.7	99.0 99.7	99.7	99.0	99.J		99.0 99.7
≥ 1800 ≥ 1500	99.4			180.0	100.0		100.0	លោកព		100.0		100.0			រាក ក	
≥ 1200 ≥ 1000	99.6 99.6	99.9	100.7	176.0	120.0	100.0	100.0	100.0	1.00.0	105.0	100.0	105.0	0.00	00.0	50.5	المدات
≥ 900 ≥ 800	99.6 99.6	99.9	100.0	100.0	100.0	100.0	100.0 100.0	100.0	100.0	100.0	100.0	LOU O	LOOLO	00.0	2.00.2	non
≥ 700 ≥ 600	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	200.0	100.0	100.0	מסחפי	ב המחי	na n
≥ 500 ≥ 400	99.6	99.9	100.3	100.0	100.0	100.0	1.00 • 0 1.00 • 0	100.0	100.0	160.0	tanan	100.0	tan n	n	מימט	00.0
≥ 300	99.6	99.9	100.0	100.0	100.0	100.6	100.0	100.0	100.0	100.0	100.0	100.0	ion.o	ניסמי	מימתו	Lau.nl
≥ 100 ≥ 0	99.6	99.9	100.0	100.0 100.0	100.0 100.0	100.0	100.0 100.0	100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0	100.0	00.0	00.0	00.0

TOTAL NUMBER OF OBSERVATIONS 895

USAF ETAC JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE DESOLET

CEILING VERSUS VISIBILITY

22521 HO

G

HONOLULU IAP HI

70-79

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1850-2000

CEILING							VIS	IBILITY (STA	ATUTE MIL	ES)						
(FEET)	≥10	≥6	≥5	≥4	≥3	≥2⅓	≥2	≥1%	≥1%	≥1	≥ ¾	≥%	≥ %	≥5/16	≥ ¼	≥0
NO CEILING ≥ 20000	53 • 1 70 • 6	53.1 76.6	53.1 70.6	53.1 71.6	53•1 70•5	53•1 70•6	53 • 1 70 • 6	53.i 70.6	53.1 70.6	53,1 70.6	53.1 70.6	53.1 70.6	53.1 70.6	53•1 70•6	53 • 1 70 • 6	53.1 70.6
≥ 18000 ≥ 16000	71.9 71.6	70.9 71.5	70.9 71.6	713.9 71.6	7:.9 71.6	70.9 71.6	70.9 71.6	70.9 71.6	70.9 71.6	75.9 71.6	70.9	70.9 71.6	70.9 71.6	70.9 71.6	70.9 71.6	76.9 71.6
≥ 14000 ≥ 12000	73.3 75.7	73.3 75.0		73.3 75.1	75.n	73•3 75•3			73.3 75.3	73.3 75.0	73.3 75.	73.3 75.0	73.3 75.0	73.3 75.0	73.3 75.3	75.0
≥ 10000	75.6 75.8	75.6 75.8	75.8	75.6 75.8		75.6 75.8	75.6 75.8	75.6 75.8	75.6 75.8	75.6 75.8	75.8	75.6 75.8	75.6 75.8	75.6 75.8	75.6 75.8	75.6 75.8
≥ 8000 ≥ 7000	76.1 76.1	76.1 76.1	76.1 76.1	76.1 76.1	76.1 76.1	76.1 75.1	76.1 76.1	76.1 75.1	76.1 75.1	76.1 75.1	76.1 76.1	76.1 76.1	76.1 76.1	76 • 1 76 • 1	76.1	76 • 1 76 • 1
≥ 6000 ≥ 5000 ≥ 4500	75.2 85.9 95.2	76.2 85.9 95.2		76.2 85.9 95.2	76.2 85.9 95.3	76.2 85.9 95.3	76 • 2 85 • 9 95 • 3	76.2 35.9 95.3	76.2 85.9 95.3	76.2 85.9 95.3	76.2 85.0 95.3	76.2 85.9 95.3	75.2 85.9 95.3	76.2 85.9 95.3	76.2 85.9 95.3	76.2 85.9 95.3
≥ 4000	96.7 96.8	96.7 96.8	96.7	95.7 96.8	96.8	96.8 96.9	96.8 96.9	96.8 96.9	96.8 96.9	96.8 96.9	96.8 96.9	96.8 96.9	96.8 96.9	96.8 96.9		
≥ 3000	96 8 98 8	96.8 98.8	96.8	96.8	96.9	96.9		96.9 98.9	96.9 98.9	96.9 98.9	96.9	96.9	96.9	96.9		26.9
≥ 2000	99.2 99.3	99.4 99.6	99.4	99.4	99.6		99.7 99.8	99.7 99.8	99.7 99.8	99.8	99.8	99.8	99.8	99.8		99.8
≥ 1500	99.3 99.3	99.6			99.7	99.8	99.8	99.8 99.9	99.8	99.9	99.9	99.9	99.9	99.9 00.0	99.9	99.9
≥ 1000	99.3 59.3	99.6 99.6		99.6 99.6		99.9 99.9	99.9 99.9	99.9 99.9						00.0		
≥ 800 ≥ 700 ≥ 600	99.3	99.6 99.6	99.6	99.6		99.9 99.9	99.9		99.9	100.0	100.0	100.0	100.0	00.0	100.0	100.0
≥ 500 ≥ 400	99.3	99.6	99.5	99.6	99.7	99.9	99.9		99.9	100.0	100.5	100.0	100.0	100•0	.00.0	.00.0
≥ 300 ≥ 200	99.3	99.6	99.5	99.6	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	00.0	100.0	100.0
≥ 100 ≥ 0	99.3 99.3	99.6	99.6	99.6	99.7	99.9 99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	.00.0	

TOTAL NUMBER OF OBSERVATIONS 988

USAF ETAC 101.64 0-14-5 (OL A) MEVIOUS EDITIONS OF THIS FORM ARE DESOLETE

CEILING VERSUS VISIBILITY

22521

HONOLULU TAP HI

70-79

2110-2300

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	IBILITY (ST.	ATUTE MIL	ES)						
(FEET)	≥10	≥6	≥5	≥4	≥3	≥2%	≥2	≥1%	≥114	≥1	≥¾	≥%	≥%	≥5/16	≥¼	≥0
NO CEILING ≥ 20000	52.5 66.6	52.5 66.6	52.5 66.6	52.5 56.6	52.5 66.6	52.5 65.6	52.5 66.6	52.5 55.5	52.5	52.5 66.6	52.5 66.5	52.5 55.6	52.5 56.6	52.5 56.6	52.5	52.5 66.6
≥ 18000 ≥ 16000	66•9 67•2	66•9 67•2	66.9 67.2	66.9 67.2	66.9 67.2	66.9 67.2	66.9 57.2	66.9 67.2	66.9 67.2	66.9 67.2	66.9 67.2	66.9 67.2	65.9 67.2	56.9 67.2	66.9 67.2	56.9 57.2
≥ 14000 ≥ 12000	68.6 59.0	68.6 59.0	68.6 69.7	68.6	68.6 69.0				68.6	68.6 69.7	68.5 69	58.6 59	68.6 69.0	68.6 69.0	68.6 69.7	68.6 59.1
≥ 10000 ≥ 9000	69•3 69•3	69•3 69•3	- · · · -		69.3 69.3	69.3 69.3	69.3 69.3	59.3 59.3	69.3	69.3 69.3	69.3 69.3	69.3 69.3	69.3 69.3	69.3 69.3	59.3 69.3	59.3 69.3
≥ 8000 ≥ 7000	69.3	59•3 69•3	69•3 69•3	69•3 69•3		69.3	69.3	69.3	69•3 69•3	69.3 69.3	69.3	69.3 69.3	69.3 69.3	69.3 69.3	69.3	69.3
≥ 6000 ≥ 5000	59.4 78.8	69•4 78•8	78.8	69 • 4 78 • 8	69 • 4 78 • 8	69•4 78•8	78.8	69.4 78.8	69.4 78.8	69.4 78.8	78.8	69.4 78.8	69.4 78.8	69.4 78.8	78.8	78.8
≥ 4500 ≥ 4000	92.1 95.3	92•1 95•3	92•1 95•3	92•1 95•3	92 •1	92•1 95•3		92.2	92•2 95•4	92•2 95•4	92•2 95•4	92.2 95.4	92•2 95•4	92.2 95.4	95.4	92.2
≥ 3500 ≥ 3000	96 • 0 96 • 1	96.0 96.1	96.1 96.1	96.1 96.1	96.0 96.1	96.1	96.2	96.1 96.2	96.1 96.2	96.1 96.2	96.1 96.2	96.1 96.2	96.1 96.2	96.1 96.2	96.1 96.2	96•1 96•2
≥ 2500 ≥ 2000	98 • 8 99 • 6	98.8	99.7	99.7	99.8	98 • 8 99 • 8	99.9	99.9		98.9 99.9	99.0		98.9 99.9	98.9	98.9	99.9
≥ 1800 ≥ 1500	99.6 99.6	99.7	99.7	99•7 99•7	99.8 99.8	99.8		99.9	90.9		99.0		99.9	99.9	99.9	99.9
≥ 1200 ≥ 1000	99.6 99.6	99.7	99.9 99.8	99.8	99.9	99.9	100.0	100.0	100.0	LDGaD	iacia	ina.n	חבתו	co.o	10.0	70.0
≥ 900	99.6 99.6	99•7	99.8 99.8	99.8	99.9	99.9		100.0	1:0.0	100.0	100.0	inc.n	100.0	100.5	30.2	មិន មិន មិន មិន មិន មិន មិន មិន មិន មិន
≥ 700 ≥ 600	99.6 99.6	99.7	99.8 99.8	99.8	99.9	99.9		100.0	ם. מריו	170.0	ا مان	100 C	100.0	100.0	100.0	Du.D
≥ 500 ≥ 400	99.6	99.7 99.7	99.8 99.8		99.9	99.9	130.0	100.0	160.0		100.0	103.5	133.0	100.0	20.0	100.0 100.0
≥ 300	99.6	99.7 99.7	99.8 99.8	99.8	99.9	99.9		100.0	130.0	100.0	100.0	מבכנו	100.0	100.0 130.0	00.0	:00.0
≥ 100 ≥ 0	99.6 99.6	99•7 99•7	99.8 99.8				100.0			700°C		100.0			100.0	100.0 100.0

TOTAL NUMBER OF OBSERVATIONS_

899

USAF ETAC JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLE

CEILING VERSUS VISIBILITY

22521 H

IH PAI ULUIONCH

70-79

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOURS (LST)

CEILING							VIS	IBILITY (ST.	ATUTE MIL	ES)						
(FEET)	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1%	≥1	≥ ¾	≥%	≥ 1/2	≥ 5/16	≥ ¼	≥0
NO CEILING ≥ 20000	49.9	49.9 64.6	49.9 64.6	49.9 64.6	49.9 64.6	49.9 64.6	49.9 64.6	49.9 64.6	49.9 64.6	49.9	49.9 64.6	49.9	49.9	49.9	49.9	49.9
≥ 18000 ≥ 16000	54.7 65.2	64.7 65.2	64.7 65.2	64•7 65•2	64.7 65.2	64.7 65.2	64.7 65.2	64.7 65.2	64.7 65.2	64.7	64.7 65.2	64.7 65.2	64.7	64.7 65.2	64.7	54.7 55.2
≥ 14000 ≥ 12000	56.4 67.6	66•4 67•6	66.4 67.6	66.4 67.6	66•4 57•6	56.4 67.6	66.4 67.6	56 • 4 67 • 6	56 • 4 67 • 6	65.4 67.6	66.4 67.6	66.4 67.6	55.4 67.6	66•4 67•6	66.4 67.5	66.4 67.6
≥ 10000 ≥ 9000	68.0 68.2	68 • L 68 • Z	68 • 3 68 • 2	68.0 68.2	68.0 68.2	68.U	68.0 68.2	68•8 68•2	68.0 68.2	68.0 68.2	68.0 68.2	68.0 68.2	68.0 68.2	68.5 68.2	68.7 68.2	58.0 58.2
≥ 8000 ≥ 7000	68.3 68.3	68.3 68.3	68.3 68.3	68•3 68•3	68.3 68.3	58.3 68.3	68•3 68•3	68.3 68.3	68.3 68.3	68•3 68•3	68.3 68.3	68.3 68.3	68.3 68.3	68.3 68.3	68.3 68.3	58.3 58.3
≥ 6000 ≥ 5000	68•7 78•3	68•7 78•3	58.7 78.3	68•7 78•3	68.7 78.3	68.7 78.3	68.7 78.3	68.7 78.3	68.7 78.3	66.7 78.4	68.7 78.4	58.7 78.4	68.7 78.4	68.7 78.4	68•7 78•4	68.7 78.4
≥ 4500 ≥ 4000	92.8 95.5	92.8 95.6	92.8 95.6	95.6	92.9 95.7	92.9 95.7	92.9 95.7	92.9 95.7	92.9 95.7	92.9 95.7	92•9 95 <u>•</u> 7	92.9 95.7	92.9 95.7	92.9 95.7	92•9 95•7	92.9 95.7
≥ 3500 ≥ 3000	96.0 96.6		96.1 96.7	96 • 1 96 • 7	96•2 96•7	96.2 95.7	96.2 96.8	96•2 96•8	96 · 2	96.2 96.8	96.2 96.8	96.2 96.8	96.2 96.8	96.2 96.8	96•2 96•8	96•2 96•8
≥ 2500 ≥ 2000	98.5 99.3	98.7 99.5	98.7 99.5		98•7 99•7	98•7 99•7	98.7 99.7	98•7 99•7	98•7 99•7	98.8 99.7	98.8 99.7	98•8 99•7	98.8 99.7	98.8 99.7	98•8 99•7	98•8 99•7
≥ 1800 ≥ 1500 ≥ 1200	99.4	99.6 99.7	99.7 99.8	99.7 99.8	99.8 99.8	99.8	99.9	99.9 99.9	99.9 99.9	99.9	99.9 99.9	99.9 99.9	99.9	99.9	99.9	99.9 99.9
≥ 1000	99.4	99.7 99.7	99.8 99.8	99.8	99.9	99.9	***	100.0	100.6	100.0	130.7	inn.n	03.0	116.0	1.00•0	Buch
≥ 800 ≥ 700	99.4 99.4 99.4	99.7 99.7	99.8 99.8	99.8	99.9 99.9	99.9	100.0 100.0	100.0	100.0 150.0	100.0	100.0	100.7	0.00	100.1	10.0	0.0
≥ 600 ≥ 500	99.4	99.7 99.7	99.8	99.8	99.9	99.9		100.0	100.0 100.0	100.0	100.0	100.0		100.0		00.0
≥ 400 ≥ 300	99.4	99.7	99.8	99.8	99.9	99.9		100.0	130.0	100.0	100.0 100.0	100.0	100.0	100.0		00.0
≥ 200 ≥ 100	99.4 99.4	99.7	99.8	99.8	99.9	99.9	100.0	100.0	100.0	103.)	100.3	100.0	23.5	100.0	100.0	00.0
≥ 0	99.4	99.7	99.8	99.8	99.9		100.0				130.5	133.0	00.3	100.0	30.0	100.0

USAF ETAC JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

7196

CEILING VERSUS VISIBILITY

22521

HONOLULU TAP HI

70-79

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

<u>--623-655</u>e

CEILING	·						VIS	IBILITY (ST	ATUTE MIL	ES)						
(FEET	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1%	≥1¼	≥1	≥ ¾	≥%	≥4	≥5/16	≥ %	≥0
NO CEILING ≥ 20000	61.1 66.5	61.1 66.5	61.1	61.1 66.5	61.1 66.5	51.1 56.5	61.1 66.5	61.1 66.5	61.1 66.5	61.1 66.5	51.i 65.5	61.1 66.5	61.1 65.5	61.1 66.5	61.1	51.1 66.5
≥ 18000 ≥ 16000	55.5 56.5	56.5 66.5	66.5 56.5		56.5 66.5	65.5 65.5		66.5 56.5	66.5 66.5	66.5 66.5	66.5 66.5	66.5 66.5	65.5 65.5	66.5	66.5 66.5	66.5
≥ 14000 ≥ 12000	56.7 66.9	66.7 66.9	66.7 66.9			66.7 66.9			66.7 65.9		66.7 56.9	66.7 55.9	65.7 65.9	66.7 66.9	66•7 66•9	56.7 66.9
≥ 10000	66.9 67.1	66.9 67.1	66.9 57.1	67.5	66.9 67.1	66.9 67.1	57.1	67.1	65.9 67.1	66.9 67.1	66.9 67.1	66.9 67.1	66.9 67.1	66.9 67.1	66.9	66.9
≥ 8000 ≥ 7000 ≥ 6000	57.1 67.1	67.1 67.1	57.1 67.1	67.1 67.1	67.1 67.1	67.1 67.1	57.1 57.1	57.1	67.1 67.1		67.1 67.1	57.1 57.1	67.1 67.1	67.1	67.1	67.1
≥ 5000 ≥ 4500	57.1 72.4 89.2	67.1 72.4 89.2	67.1 72.4 89.2	72.4	67.1 72.4	67.1 72.4				67.1 72.4	67.1 72.4	67.1 72.4	72.4	67.1 77.4	67.1 72.4	
≥ 4000 ≥ 3500	89.2 93.8 95.1	93.8 95.1	93.8 95.1		89.2 93.8 95.1	89.2 93.8 95.1		89.2 93.8 95.1	89.2 93.8 95.1	89.2 93.8 95.1	89.2 93.2 95.1	89.2 93.8 95.1	89.2 93.8 95.1	89.2 93.3 95.1	89.2 93.8 95.1	89.2 93.8 95.1
≥ 3000 ≥ 2500	95.4 98.0	95.5 98.1	95.5 98.1				95.5	95.5			95.5 98.1	95.5 98.1	95.5 95.5	95.5 98.1		95.5 98.1
≥ 2000	99.7 99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.0		99.9	30.9	99.9	29.9	99.9
≥ 1500 ≥ 1200	59.8 99.8	99.9	100.0	100.0	100.0	100.0	THUT	100.0	100.0	100.0	100.0 180.0	100.0	100.0	100.0	100.0	27.0
≥ 1000	29.8 99.8	99.9	100.	100.0	160.0	100.0	របប• ជ	100.0	100.0	וחב ח	100.0	100.0	100.0	ino.n	00.0	00.0
≥ 800	99.8 99.8										100.0 100.0					
≥ 500	99.8 99.8					_					100.0					
≥ 400 ≥ 300 ≥ 200	99•8 9 9• 8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	190.0	100.0	100.0	109.0	100.0	:00.0	180.0.	100.0
≥ 100 ≥ 0	99.8 99.8	99.9	100.0	100.0	100.0	100.0	200.0	100.0	100.0	100.0	100.0	100.0				
لـــــــــــا	÷9.8	99.9	130.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	ח.חם

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC 10164 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLE

CEILING VERSUS VISIBILITY

2252: HONOLULU IAP HI

C

O

70-79

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

<u> 11370-2507</u>

CEILING							VIS	BILITY (ST	ATUTE MIL	ES)						
(FEET)	≥10	≥6	≥5	≥4	≥3	≥2%	≥2	≥1⅓	≥14	≥1	≥ %	≥%	≥%	≥5/16	≥ ¼	≥0
NO CEILING ≥ 20000	56.7 63.3	56.7 63.9	56.7 63.3	56.7 63.8	56•7 63•0	56•7 63•0	56•7 63•0	56.7 63.0	56.7 53.0	56.7 63.J	56.7 63.3	56.7 63.J	56.7 63.0	56.7 63.0	56.7 63.0	56.7 53.0
≥ 18000 ≥ 16000	53.0 63.2	63.0 63.2	63.2 63.2	63.0 63.2	63.0 63.2	63.9 63.2	63.0 53.2	63.U 63.2	63.0 63.2	63.0 63.2	63.0 63.2	63.0 63.2	63.0 63.2	63.0 63.2	63.0 63.2	63.0 53.2
≥ 14000 ≥ 12000	53.5 53.5	63.5 63.5	63.5 63.5	63.5 63.5	63.5 63.5	63.5 63.5	63.5 63.5	63.5 63.5	63.5 63.5	53.5 63.5	63.5 63.5	63.5	63.5 63.5	63.5 63.5	63.5 63.5	63.5 63.5
≥ 10000	63.8 63.9	63.8 63.9	53.9 53.9	63.8 63.9	63.8 63.9	63.8 <u>63.9</u>	63.8 63.9	63.8 53.9	63.8 63.9	63.8 63.9	63.8 63.9	63.8 63.9	63.8 63.9	63.8 63.9	63.8 63.9	63.8 53.9
≥ 8000 ≥ 7000	64.1 54.1	54.1 54.1	64.1	64 • 1 64 • 1	64.1 64.1	64.1 64.1	64•1 64•1	64.1 64.1	64 • 1 54 • 1	64.1 54.1	64.1	64 • 1 64 • 1	54.1 64.1	64 • 1 54 • 1	64.1 64.1	54.1 64.1
≥ 6000 ≥ 5000 ≥ 4500	70.2	64.2 713.2	64.2 7n.2	64.2 75.2	64.2 7:1.2	64.2 70.2	64.2 71.2	54.2 70.2	54.2 70.2	54.2 74.2	64.2 70.2	64.2 70.2	64.2 70.2	64.2 70.2	64.2 70.2	64.2 70.2
≥ 4000 ≥ 3500	89.6 93.7 95.3	93.7	89.5 93.7	89.6 93.7	89.6 93.7	89.6 93.7	93.7	89.6 93.7	89.6 93.7	89.6 93.7	89.6 93.7	89.6 93.7	89.6 93.7	89.6 93.7	89.6 93.7	89.6 93.7
≥ 3000	95.4 97.1	95.5 95.6 97.4	95.5 95.5 97.4	95.6	95•5 95•6	95.5 95.6		95.5 95.6	95.5 95.6	95•5 95•6	95.5 95.6	95.5 95.6	95.5 95.6	95.5 95.6	95.5 95.6	95.6
≥ 2000	99.1	99.7	99.7	99.7	99.7	97.4 99.7		97.4 99.7	97.4 99.7	97•4 99•7	97.4 99.7			97•4 99•7		99.7
≥ 1500	99.5	:00.5	100.0	160.0	100.0	100.0	100.0 100.0	100.0	100.0	100.0	100.0	100.5	100.0	100.0	100.0	100.0
≥ 1000	99.5	100.0		160.0	105.0	100.0		100.0	100.0	100.0	160.0	100.0	100.0	LUU.O	រព្ធ.ក	00.0
≥ 800	59.5	170.0	100.0	100.0	100.0	190.0	100.0	חבתייו	100.0	100.0	100.0	100.0	ם.פני	0.00	0.00	on.n
≥ 500			100.0				100.0							100.0	00.0	7.00
≥ 700							100.0						00.0	100.7	0.00	70.0
≥ 100	99.5	_ 13.0	100.0	100.0	100.0	100.0	100.0 100.0	130.0	100.0	100.0	100.0	100.0	100.0	.00.0	00.0	
≥ 0							100.0									00.0

TOTAL NUMBER OF OBSERVATIONS 931

USAF ETAC 101.64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

2242.

HONOLULU IAP HI

70-79

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	BILITY (ST.	ATUTE MIL	ES)						
(FEET)	≥10	26	≥5	≥4	≥3	≥2%	≥?	≥1⅓	≥1%	≥1	≥ ¾	≥%	≥%	≥5/16	≥¼	≥0
NO CEILING ≥ 20000	60.4 66.6	6¢.4 66.5	60.4 66.5	60•4 66•6	60.4 66.6	60.4 66.6	63.4 66.6	50 • 4 66 • 6	60•4 66•5	60.4 66.6	6D.4	60.4 66.6	69.4 66.6	60.4 66.6	60.4 66.6	63.4 56.6
≥ 18000 ≥ 16000	56.6 56.7	66.6 56.7	66.6 66.7	66.6 65.7	66.6 66.7	66.6 66.7	66.6 66.7	66.6 56.7	56.6 66.7	66.6	66.6	66.6	66.6	66.6	66.6	66.6 56.7
≥ 14000 ≥ 12000	57.2 68.2	67.2 68.2	67.2 58.2	67.2 68.2	67.2 68.2	67.2 68.2		57 • 2 68 • 2	67.2 68.2	67.2 68.2	67.2	67.2	67.2	67.2	67.2	67•2 58•2
≥ 10000 ≥ 9000	8.86 3.26	68.8 69.5	68.8 69.1	68 • 8 59 • 0	68.8 69.0	68•8 69•0		68 • 8	68.8 69.r	58.8	68.8 69.0	68.8	68.8	68.8	68.8	68.8
≥ 8000 ≥ 7000	69.2 69.2	69.2 69.2	69•2 69•2	69.2	69.2 69.2	69•2	69.2 69.2	69•2	69.2	69.2	69.2	69.2	69.2	69•2	69.2 69.2	69.2
≥ 6000 ≥ 5000	75 • £ 75 • 8	70.0 76.9	70.2 76.9	73.5 76.9	70.0 76.9	70.0		70.0 76.9	79.9 76.9	70.0 76.9		79.0	70.9 76.9	79.0	70.8 76.9	70.0
≥ 4500 ≥ 4000	91.6	91.7 94.8	91.7 94.8	91.7	91.7	91.7	91.8	91.8	91.8	91.8	91.8 94.9	91.8	91.8	91.8	91.8	91.8
≥ 3500 ≥ 3000	94.9 95.1	95•2 95•3	95.2 95.3	95.2 95.3	95.2 95.3	95.2	95.3 95.4	95.3	95.3	95.3	95.3 95.4	95.3	95.3	95.3	95.3 95.4	95.3
≥ 2500 ≥ 2000	96.3	96.7 99.6	96.7 99.6	96.7	96.7	96.7		96.8 99.7	96.8	96.8	96.8	96.8		96.8	96.8	96.8
≥ 1800 ≥ 1500	99.4 99.4	99.9	99.9	99.9	99.9		130.0	100.0	100.0	100.0	100.0	00.0	120.0		100.0	00.0
≥ 1200 ≥ 1000	99.4	99.9		99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	0.00
≥ 900 ≥ 800	99.4 99.4	99.9		99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0 Lan.n	100.0	100.0	00.0	00.0	100.0
≥ 700 ≥ 600	99.4	99.9		99.9	99.9	99.9	130.0	100.0	100.0	100.0	100.0	100.0	100.0	100.9	100.0	100.0
≥ 500 ≥ 400	99.4	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.a	100.0	100.0	100.0	0.00	00.0
≥ 300 ≥ 200	99.4 99.4	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	00.0	100.0	00.0	.00.0	0.00.
≥ 100 ≥ 0	99.4 99.4	99.9 99.9		99.9 99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	00.0	100.0	100.0	00.0	00.0

TOTAL NUMBER OF OBSERVATIONS....

930

USAF ETAC JUL 44 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLET

6,203

-A20

CEILING VERSUS VISIBILITY

12525

HONOLULU TAP HI

9-79

210-1100

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

							VIS	BILITY (ST.	ATUTE MIL	E5)		-14				
CEILING (FEET)	≥10	≥6	≥5	≥4	≥3	≥2%	≥2	≥1½	≥1¼	≥1	≥ ¼	≥ %	≥4	≥5/15	≥ ¼	≥0
NO CEILING ≥ 20000	57.2 57.8	61.2 67.8	63.2 67.3	65.2 67.8	65.2 67.8	50∙2 67•8	60∙2 67•8	6J•2 67•8	60.2 67.8	60•2 67•8	6B•2	60•2 67•8	6J.2 67.8	60•2 67•8	60•2 67•8	6u.2
≥ 18000 ≥ 16000	67.8 52.3	67.8 68.3	67•8 68•3	67.8 63.3	67.8 69.3	67•8 68•3	68.3	67.8 69.3	67.8 68.3	67•8 68•3	67.8 68.3	67.8 68.3	67.8 68.3	67.8 68.3	67.8 68.3	67.8 68.3
≥ 14000 ≥ 12000	69.3 69.8	69.5 69.8	69.3 69.8	69.5 69.8	69.0 69.8	69.0 69.8	69•3 69•8	69•4 69•8	69.n	69 • B	69.3 69.8	69 • 0 69 • 8	69.0 59.8	69 • U 59 • 8	69.0 69.8	
≥ 10000 ≥ 9000	70.3 70.4	75.3 75.4	79.3 79.4	70.3 70.4	70.3 70.4	72.3 72.4	73.3 70.4	70.3 74	70.3 70.4	73.3 70.4	70.3 70.4	75.3 70.4	73.3	70.3 70.4	70.3 70.4	76.3
≥ 8000 ≥ 7000	71.3 71.5	71.0 71.0	71.3 71.5	71.0 71.0	71.0 71.0	71.0 71.0	71.0 71.0	71.0 71.0	71.0 71.0	71.0	71.8 71.7	71.0 71.0	71.0 71.0	71.0 71.0	71.0 71.7	71.0 71.0
≥ 6000 ≥ 5000	71.8 78.4	71.8 78.4	71.8 78.4	71.8 78.4	71.8 78.4	71.8 78.4	71.8 78.4	71.8 78.4	71.8 78.4	71.8 78.4	71.8 78.4	71.8 78.4	71.8 78.4	71.8 78.4	71.8 78.4	71.8
≥ 4500 ≥ 4000	93.4 93.2	93.4	93.4	95.4 93.4	94	93.4	93.4	98.4	90.4	93.4	90.4	98-4	90.4	90.4	90.4 93.4	90.4
≥ 3500 ≥ 3000	93.9 94.7	94.1	94.1 94.9	94.9	94.1	94.1	94 • 1 94 • 9	94.1 94.9	94.1	94.1 94.9	94.1	94.1 94.9	94.1 94.9	94.1	94.1	94.1
≥ 2500 ≥ 2000	57.4 99.4	97.6 99.7	97.6 99.7	97.6 99.7	97.6 99.7	97.6 99.7	97.6 99.7	97•6 99•7	97.6	97.5 99.7	97.6 99.7	97.6 99.7	97.5 99.7	97.6 99.7	97.6 99.7	
≥ 1800 ≥ 1500	99.5 99.6	99.8 99.9	99•8 99•9		99.8 99.9	99.8 99.9	99 • 8 99 • 9	99.8 99.9	99.8 99.9		99.8 100.0	99.8	99.8 LGD.D	99.8	99•8	99.8
≥ 1200 ≥ 1000	99.6	99.9 99.9	99.9 99.9		99.9 99.9	99.9		99.9 99.9	99.9	100.0	130.0	100.0	00.0	100.0		03.5 0.00.1
≥ 900 ≥ 800	59.6 29.6	99.9	99.9 99.9		99.9	99.9		99.9	99.9	100.0	130.0	100.0	100.0	100.0	130.0	100.0
≥ 700 ≥ 600	99.6	99.9	99.9 99.9	95.9 99.9	99.9	99.9		99.9	99.9	100.0 100.0	130.0	100.0	100.0	108.3	0.00±0	100.0
≥ 500 ≥ 400	99.6	99.9	99.7 99.0	99.9	99.9	99.9	99.9	99.9	99.9	100.0	130.3 130.9	100.0	100.0	00.0	0.88	00.0
≥ 300 ≥ 200	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	130.0		100.0	100.0	100.0	00.0	00.0
≥ 100 ≥ 0	79.6 79.6		99.9 99.9				99.9		99.9	100.0	100.0 100.0	100.0	103.5	100.0	00.0	

STAL NUMBER OF OBSERVATIONS 930

USAF ETAC JULIA - 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

2252.

HONOLULU IAP HI

70-79

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1600

CEILING							VIS	IBILITY (ST.	ATUTE MIL	ES)			<u>-</u>			
(FEET)	≥10	≥6	≥5	≥4	≥3	≥2⅓	≥?	≥1⅓	≥1%	≥1	≥¾	≥%	≥ %	≥ 5/16	≥¼	≥0
NO CEILING ≥ 20000	58.6 69.1	58•7 59•2	58.7 69.2	58.7 69.2		58•7 69•2	58 • 8 69 • 4		58.8 69.4	58.8 69.4	58.8 69.4	58.8 59.4	58.8 69.4	58 • 8 59 • 4	58.8 69.4	58.8 59.4
≥ 18000 ≥ 16000	69.2 59.4	69.4 69.5		69.4 69.5		69.4 69.5	69.5 59.5	59.5 59.6	69.5 59.6	69.5	69.5 69.5	59.5 69.6	69.5 69.6	69.5 69.6	59.5 69.5	69.5
≥ 14000 ≥ 12000	70.9 71.9	71.0 72.0	71.5 72.	71.0 72.0	71.0 72.0	71.3 72.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1 72.2	71 • 1 72 • 2	71.1 72.2	71.1
≥ 10000 ≥ 9000	72.9 72.9	73.0 73.0	73.0 73.0	73•ს 73•0			73.1 73.1	73•1 73•1	73.1 73.1	73.1 73.1	73.1 73.1	73.1 73.1	73.1 73.1	73.1 73.1	73.1 73.1	73.i 73.i
≥ 8000 ≥ 7000	73.4 73.4	73.5 73.5		73.5 73.5		73.5 73.5	73.7 73.7	73•7 73•7	73.7 73.7	73.7 73.7	73.7	73.7 73.7	73.7 73.7	73.7 73.7	73.7 73.7	73.7 73.7
≥ 6000 ≥ 5000	74 • i. 81 • 1	74.1 81.2	74.1 81.2	74.1 81.2	74 • 1 81 • 2	74 • 1 81 • 2	74.2 81.3	74.2	74.2 81.3	74.2 81.3	74.2 81.3	74.2 81.3	74.2 81.3	74.2 81.3	74.2 81.3	74.2
≥ 4500 ≥ 4000	91.6 23.3	91.8 93.5	91.8 93.5	91.8 93.5	93.5	93.5			91.9 93.7	91.9 93.7	91.9 93.7	91.9 93.7	91.9 93.7	91.9 93.7	91.9 93.7	91.9 93.7
≥ 3500	94.2 94.8	94.4	94.4 95.1	94.4 95.1	95.1	94.4 95.1	94.5 95.2	95.2	94.5 95.2	94•5 95•2	94.5 95.2	94.5 95.2	94.5 95.2	94•5 95•2	94.5 95.2	94.5
≥ 2500 ≥ 2000	98.7 99.6	98•9 99•8	98.9 99.8		99.8			99.9	99.9	99.9	99.9	99.9	99.0	99•3 99•9	99.0 99.9	99.5 99.9
≥ 1800 ≥ 1500	99.6	99•8 99•9	99.9	99•8 99•9	99.9	99.9		170.0	100.C	100.0	ם.כחו	100.			រភព.ភ	
≥ 1200 ≥ 1000 ≥ 900	99.7 99.7	99.9 99.9	99.9	99.9	99.9	99.9	130.C	100.0	103.0	100.0	100.0	100.0	130.0	n.na	<u> </u>	Duch
≥ 800	99.7	99.9	99.3	99.9	99.9	99.9	130.0	משכבו	بنمالتا	100.0	100.0 100.0	חיבטו	ות.חרו	30.3	00.0	100.6
≥ 600	99.7	99.9 99.9	99.9	99.9	99.9	99.9	150.5	190.0	120.C	100.0	169.0 100.0	100.0	المشيئا	100.3	100.0	امستون
≥ 500 ≥ 400	99.7	99.9	99.9	99.9	99.9	99.9	100.0	170.0	100.0	100.0	100.0 100.0	107.6	170.0	تمون	1110.0	0.00
≥ 300 ≥ 200	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0 100.0	بمتع	ممدد	تمودا	مست	تمدي
≥ 100	99.7 99.7	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9		100.0 100.0				100.0 130.3	100.0		100.6		160.0 13.11

TOTAL NUMBER OF OBSERVATIONS _____ 933

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLET

CEILING VERSUS VISIBILITY

22524 HONOLULU IAP HI

70-79

1500-1700

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	BILITY (ST.	ATUTE MILI	ES)						
(FEET)	≥10	≥6	≥5	≥4	≥3	≥2⅓	≥2	≥1%	≥1%	≥1	≥ 1/4	≥%	≥'5	≥5/16	≥%	≥0
NO CEILING ≥ 20000	62.2 72.8	52.2 72.8	62.2 72.8	6 <u>1.2</u> 72.8	62•2 72•8	62•2 72•3	62.3 72.9	52•3 72•9	62•3 72•9	62.3 72.9	62.3 72.9	52.3 72.9	62.3 72.9	52.3 72.9	62•3 72•9	52.3 72.9
≥ 18000 ≥ 16000	73.1 73.3	73.1 73.3	73.1 73.3	73.1 73.3	73.1 73.3	73.1 73.3	73. 73.4	73.2 73.4	73.2 73.4	73•2 73•4	73.2 73.4	73.2 73.4	73.2 73.4	73.2 73.4	73.2 73.4	73.2 73.4
≥ 14000 ≥ 12000	74.4 75.0	74.4 75.0	74.4 75.	74 • 4 75 • -	74.4 75.7	74.4 75.2	74.5 75.1	74.5 75.1	74.5 75.1	74.5 75.1	74.5 75.1	74.5 75.1	74.5 75.1	74 • 3 75 • ·	74.5 75.1	74.5 75.1
≥ 10000 ≥ 9000	76.5	76.3 76.9	76.3 76.9	76•3 76•9	76.3 76.9	76.3 75.9	76.4 77.7		76•4 77•	76.4 77.0	76.4 77.2	76.4 77	76.4 77.7	76.4 77.7	76.4 77."	76•4 77•3
≥ 8000 ≥ 7000	76.6 76.6	77.5 77.5	77.	77.0	77.0	77.0	77.1 77.1	77.1 77.1	77•1 77•1	77.1	77.1 77.1	77.1 77.1	77.1 77.1	77.1	77.1	77.1 77.1
≥ 6000 ≥ 5000	77.2 84.4	77.5 84.7	77.5 84.7	77.5 34.7	84.7	77•5 84•7	77.5 84.8	77.6 84.8	77.6 84.8	77.6 84.8	77.6 84.8	77.6 84.8	77.6 84.8	77.5 84.8	77.6 84.8	77•6 84•8
≥ 4500 ≥ 4000	93.2	93.5 94.9	93.5	93.5 94.9	93.5 94.9	93.5 94.9	93.6 95.f	93.6 95.0	93.6 95.0	93.6 95.3	93.6 95.7	93.6 95.C	93.6 95.0	93.6 95.u	93.6 95.7	93.5 95.
≥ 3500 ≥ 3000	94.9	95•3 <u>°5•7</u>	95.3 95.7	95•3 95•7	95.3 95.7	95•3 95•7	95.4 95.8		95.4 95.8	95.4 95.8	95.4 95.8	95.4	95.4 95.8	95•4 95•8	95•4 95•8	95•4 95•8
≥ 2500 ≥ 2000	98 • 3 99 • 6	98.6	98.5 99.9	98.6 99.9	99.9		98.7			98•7 100•0		98.7	98.7 L.D.3	98.7	98•7 Lnn•n	
≥ 1800 ≥ 1500	99.6 99.6	99.9 99.9	99.9	-4-/-	99.9	99.9	:30.0	190.0	_	100.0	100.0	עשמד	53.5	100.0	1.00 • C	تمدت
≥ 1200 ≥ 1000	99.6	99.9	99.9	99.9	99.9	99.9	130.0	150.0		105.0	ב. מנו	100.0	03.0	20.3	ាក ក	ביינים
≥ 900 ≥ 800 ≥ 700	99.6	99.9	99.9	99.9	99.9	99.8	170.0	ם. מרו	100.0	103.3	100.1	100.0	TC1 - D	المالان	ممتنا	المنتاث
≥ 600	99.6	99.9	99.9	99.9	99.9	99.9	160.6	100.0	180.9 130.3	100.0	100.3	0.00	100.0	ign _e p	70°0	រោកភា
≥ 500 ≥ 400 ≥ 300	99.6 99.6	99.9 99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0 100.0	160.0	300.5	00.3	200.2	20.7	100.0 100.0	0.7
≥ 200	99.6 99.5	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0 100.0	100.0	100.0	103.0	163.3	ריםני	00.0	34.5
≥ 100 ≥ 0	99.5								100.0 100.0			100-0			100.0	

TOTAL NUMBER OF OBSERVATIONS

929

USAF ETAC - JULIA 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLET

CEILING VERSUS VISIBILITY

22521

HONOLULU TAP HT

711-79

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1805-2:00

CEILING							VIS	IBILITY (ST	ATUTE MIL	ES)						,
(FEET)	≥10	≥6	≥5	≥4	≥3	≥21/3	≥2	≥1%	≥1%	≥1	≥ ¾	≥%	≥ '5	≥ 5/16	≥ ¼	≥0
NO CEILING ≥ 20000	59.6 70.4			1	59.6 79.4	59.6 73.4			59.6			59.6 70.4	59.6	59.6		59.6 7.3.4
≥ 18000 ≥ 16000	73.5 73.7	73.5 7.1.7			73.5		70.5	70.5 70.7	70.5 70.7		79•5 79•7	70.5	78.5	70.5	70.5	
≥ 14000 ≥ 12000	72.4 72.4	72.1 72.4	72.1 72.4	72.1 72.4	72.1 72.4	72.1 72.4	72•1 72•4	72.1 72.4	72.4	72.4		72.4	72.1	72.4	72.1	72.1
≥ 10000 ≥ 9000	73.6 74.2	73.6 74.2		1	73.6 74.2			73.6	73.6 74.2		73.6 74.2	73.6	73.6	73.6	73.6	
≥ 8000 ≥ 7000	74.4 74.5			, , , , ,	74.4 74.5	74.4 74.5	74.4 74.5	74.4 74.5	74.4 74.5	74.4 74.5	74.4 74.5	74.4	74.4	74.5	74.4 74.5	74.4
≥ 6000 ≥ 5000	75.5 83.1	75.5 33.5	• •	75.5 83.0	75.5 83.0	75.5	75.5 83.1	75.5 83.5	75.5	75.5 83.7		75.5	75.5	75.5 83.5	75.5 83.7	75.5
≥ 4500 ≥ 4000	93.5 95.	93.5 95.1	93.5 95.0	93.5 95.0	93.5 95.0	93.5 95.0	93.5 95.0	93.5 95.1	93.5 95.0	93.5 95.0	93.5	93.5	93.5	93.5	93.5	93.5
≥ 3500 ≥ 3000	95.7 95.8	95.7 95.8		95.7 95.8	95 .7 95 . 8	95•7 95•8	95.7 95.8	95•7 95•8	95.7 95.8	95.7 95.8	95.7 95.8	95.7 95.8	95.7 95.8	95.7	95.7 95.8	95.7
≥ 2500 ≥ 2000	97.8 ≎9.6		97.8 99.8		97.8 99.8		97•8 99•8	97.8 99.8	97.8 99.8	97.8	97.8 99.8	97.8	97.8	97.8	97.8 99.8	97.8
≥ 1800 ≥ 1500	99.8 99.8	138.0 130.0	100.0 100.2	100.0	100.0	100.0 100.0	100.0	100.0	130.5	100.0	100.0	180.6	1.00 • 0	130.3	too.a	1.00.0
≥ 1200 ≥ 1000	79.8 99.8		107.0	100.0 100.0	100.0	100.0	100.0	100.0	100.0	اد ۱۵۵۰	1.0.0	100.01	103.0	100.0	100.0	0.00
≥ 900 ≥ 800	99.8	100.0	100.0	100.0 100.0	100.0	100.0	100.0	100.0	100.0	100.0	160.0	100.0	100.0	100.4	100.0	130.0
≥ 700 ≥ 600	99.8 99.8	100.3	100.9	100.0 100.6	100.0	100.0	100.0	105.0	130.0	100.0	100.0	100.ol	tue al	100.0	too.al	106.0
≥ 500 ≥ 400	99.8	.70.0 133.3	190.0 190.3	100•0 100•0	133.0 133.0	100.0	100.0	100.0	100.0	100.0	130.0	100.0	100.0	0.00	100.0	00.0
≥ 300	29.8	:30.0 :30.7	100.3 100.3	100.0 100.0	100.0 120.0	100.0	100.0	100.0 100.0	100.0	130.0 100.0	100.0	180.0	.aa.a	100.0	100.0	0.60
≥ 100 ≥ 0	99.8 99.8	100.4	100.0	190.5 100.5	101.0	100.0	100.0	130.0	100.0	100.0	150.0	.00.0	160.0	130.3	Lua.B	

TOTAL NUMBER OF OBSERVATIONS

92

CEILING VERSUS VISIBILITY

252 HONOL

I

HONOLULU IAP HI

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2130-2300

CEILING			·				VIŞ	BILITY (ST	ATUTE MIL	ES)						
(FEET)	≥10	≥6	≥5	≥4	≥3	≥2%	≥2	≥11/2	21%	≥1	≥¾	≥%	≥ 1/5	≥5/16	≥¼	≥0
NO CEILING ≥ 20000	61.8 67.7	61.8 67.7	61.5 67.7	61.8 67.7	61.8 67.7	51.8 57.7	51.8 67.7	61.8 57.7	61.3 67.7	61.8 67.7	61.8 67.7	61.8 67.7	61.8 67.7	61.8 67.7	61.8 67.7	51.8 67.7
≥ 18000 ≥ 16000	63.0 58.2	68.1 68.2	68.3	68.3 68.2	68.0 68.2	68.0 58.2	68.0 68.2	68.3 68.2	68.0 68.2	68.0 68.2	68.0 68.2	58.3 68.2	58.0 58.2	68.J 68.Z	58.0 68.2	58.0 68.2
≥ 14000 ≥ 12000	58.4 59.1	68.4 59.1	68•4 69•1	68.4 69.1	68.4 69.1	53.4 69.1	68.4 65.1	68.4 69.1	68•4 69•1	68.4 69.1	68.4 69.1	68.4 69.1	68.4 69.1	68.4 69.1	68•4 69•1	63.4 69.1
≥ 10000 ≥ 9000	69.7 70.4	59.7 73.4	69.7 70.4	69.7 72.4	69.7 77.4	69.7 70.4	69.7 77.4	69.7 75.4	69.7 70.4	69.7 70.4	69.7 75.4	69.7 73.4	69.7	69.7 75.4	69.7 72.4	59.7 7.4
≥ 8000 ≥ 7000	70.4 70.4	70.4 70.4	70.4 70.4	70.4 70.4		70.4 70.4	70.4 70.4	70.4	70.4	70.4	70.4 70.4	79.4	73.4	70.4 7J.4	70.4 70.4	73.4
≥ 6000	75.4 76.3	73.4 76.3			70.4 76.3	70 • 4 76 • 3	70.4 76.3	70•4 76•3	70.4 75.3	70.4 76.3	70.4 76.3	70.4 75.3	71.4 76.3	70.4 76.3	70.4 76.3	70.4 76.3
≥ 4500 ≥ 4000 ≥ 3500	37.5 92.2	92.2		92.2	92.2	87.5 92.2	92.2	87.5 92.2	87.5 92.2	87.5 92.2	87.5 92.2	87.5 92.2	87.5 92.2	87.5 92.2		87.5 92.2
≥ 3000	95.8 94.1 97.1	93.9	93.8	94.1	94.1	94.1	93.8 94.1	93.8 94.1	93.8 94.1	93.8 94.1	93.8 94.i	93.8 94.1	93.8	93.8	93.8	93.8 94.1
≥ 2500 ≥ 2000 ≥ 1800	97 • 1 99 • 7	97•1 99•5		97.1 99.8 193.0		97•1	97.1 99.8	97.1 99.8	97.1 99.8	97.1 99.8	97.1 99.8 100.3	97•1 99•8	97.1 99.8	97.1 99.8	97.1 99.8	97•1 99•8
≥ 1500	99.9	100.0	100.0		100.0	لكتعل	100.2	រព្ធ ព	130.0	وساوا		ניינטו	מ.פי	تمفت		المدت
≥ 1000	99.9	20.5	100.0	100.0	100.0	177.0	100.0	130.0	100.0	103.5	100.0 100.0	IDDal	an n	تعات	10.5 100.5	2103
≥ 800	99.9 99.9	100.0		100.0	100.0	173.0	100.0	ton.o	100.0	106.	100.0	: Oiles	المعاندا	170.u	0.0	00.0
≥ 600	99.9	100.0	100.0 100.0		100.0	100.0	100.0	100.0	130.0	100.3	100.5	CO.C	00.0	لنعقال		00.0
≥ 400 ≥ 300	99.9		100.0 100.9	100.0	100.0	100.0	100.0	100.0	150.0	100.0		03.6	133.3	100.0 130.0	130.0	03.7
≥ 200	99.9	100.0	100.0 100.3		100.0	B-X-X-X	2 2 2 2 2		100.0		100.0	:67•C 100•7	100.0		100.0	
≥ 0	99.9	130.0	•	100.0)			100.0					7.0	100.0	10.0	10.0

TOTAL NUMBER OF OSSERVATIONS 930

CEILING VERSUS VISIBILITY

2252:

HONOLULU TAP HI

75-79

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	IBILITY (ST	ATUTE MIL	ES)		······································		·		
(FEET)	≥10	≥6	≥5	≥4	≥3	≥2%	≥3	≥1%	≥1%	≥1	≥ ¾	≥%	≥ '⁄2	≥5/16	≥¼	≥0
NO CEILING ≥ 20000	6J.1 68.0	63.1 68.0	60.1 68.0	60.1 68.0	60.1 62.0	50.1 68.0	60.1 6 . 1	63.1 68.7	60.1 68.1	60.1 68.7	60.1 68.5	60.1 68.0	63.1	60•1 68•0	60.1 68.1	60.1 68.4
≥ 18000 ≥ 16000	68.1 58.3	68.1 68.3	68.1 68.3	68.1 68.3	68.1 68.3	68 · 1	68.1 68.3	68.1 68.3	68.1 68.3	68.1 68.3	68.1 68.3	68.1 68.3	58.1 68.3	58.1 68.3	68.1 68.3	68.1 68.3
≥ 14000 ≥ 12000	69.1 69.6	69.0 69.6	69.5	69.0 69.6	69.0 69.6	69.0 69.6		69.1 69.7	59.1 69.7	69.1	69.1 69.7	69.1 69.7	69.1 69.7	69.1 69.7	69.1 69.7	69•1 59•7
≥ 10000 ≥ 9000	70.6	73.3	77.3 70.6	79.3 70.6	7".3 7".6	73.3 77.6		70.3 70.6	73.3 70.6	70.3 70.6	70.3 70.6	70.3 73.6	70.3 70.5	70•3 70•5	70•3 70•5	70.3 70.6
≥ 8000 ≥ 7000	70.8 70.8	70.8 70.9	70.8 73.9	73.8 70.9	7				70.9 75.9	7J.9	70.9 70.9	70.9	70.9	70.9	70.9 77.9	70.9 7.1.9
≥ 6000 ≥ 5000	71.3 77.8	71.3 77.9	71.3	71.3 77.9	71.3	71.3 77.9					71.3	71.3 77.9	71.3 77.9	71.3 77.9	71.3 77.9	71.3 77.9
≥ 4500 ≥ 4000	91°•8 93•8	97.9 93.9	90.9	93.9 93.9	90.9 93.9					91.0	91.0	91.0 94.0	91.0 94.7	91.0	91.0 94.0	
≥ 3500 ≥ 3000	94.7 95.1	94.9		94.9 95.2	94.9		94.9		94.9 95.3		94.9 95.3	94.9	94.9 95.3	94.9	94.9	94.9 95.3
≥ 2500 ≥ 2000	97.6 99.4	97•8 99•7	97.8 99.8		97.8 99.8	97.8 99.9						97.5	97•8 99•8	97.8	97.8 99.8	97.8 99.8
≥ 1800 ≥ 1500	99•6 -99•6	99.9 99.9	99.9 99.9		99.9						100.0 120.0					
≥ 1200 ≥ 1000	99.6	99.9 99.5	99.9 99.9		99.9 99.9	_					100.0 107.0					190.0 33.5
≥ 900 ≥ 800	99.6 99.6	99.9 99.9	99.9	99.9	99.9	99.3	1				100.0					
≥ 700 ≥ 600	99.6 99.6	99.9	99.9	99.9	99 .9						100.0					100.0
≥ 500 ≥ 400	99.6	99.9	99.9	99.9	99.9 99.9		100.0 100.0	103.0 100.0	160.9 169.3	100.0	100.0 130.3			100.0		100.0
≥ 300 ≥ 200	99.6	99.9	99.9	99.9	99.9	99.9	100.0	150.0	100.6	103.0	100.0	120.5	170.0	20.0	nan	Du D
≥ 100 ≥ 0	99.6	99.9			99.9 99.9						100.G				L	100.6 06

TOTAL NUMBER OF OBSERVATIONS 7438

CEILING VERSUS VISIBILITY

22521

1

C

HONOLULU IAP HI

70-79

AUG

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	IBILITY (ST	ATUTE MIL	ES ₁						
(FEET)	≥10	≥6	≥5	≥4	≥3	≥2⅓	≥2	≥1½	≥1%	≥1	≥ 1,	≥¾	≥ %	≥5/16	≥ ¼	≥0
NO CEILING ≥ 20000	66.3 71.4	66.3 71.4	66.3 71.4	66.3 71.4	66.3 71.4	66.3 71.4	66 • 3 71 • 4	66.3 71.4	55.3 71.4	56.3 71.4	66.3 71.4	66.3 71.4	56.3 71.4	66.3	66.3 71.4	56.3 71.4
≥ 18000 ≥ 16000	71.5 71.6	71.5 71.5	71.5 71.6	1 1 1 1	71.5 71.5	71.5 71.6	71.5 71.5	71.5 71.6	71.5 71.6	71.5 71.6	71.5 71.5	71.5 71.5	71.5 71.6	71.5 71.6	71.5 71.6	71.5 71.5
≥ 14000 ≥ 12000	71.9 73.0	71.9 73.0	71.9 73.0	71.9 73.0	71.9 73.7	71.9 73.)	71.9 73.7	71.9 73.3	71.9 73.	71.9 73.	71.9 73.5	71.9 73.,	71.9	71.9	71.9 73.5	71.9 73.8
≥ 10000	73.9 /4.2	73.9 3.2	73.9 74.2	73.9 74.2	73.9 74.2	73.9 74.2	73.9 74.2	73.9 74.2	73.9 74.2	73.9 74.2	73.9 74.2	73.9 74.2	73.9 74.2	73.9 74.2	73.9 74.2	73.9 74.2
≥ 8000 ≥ 7000	74.5 74.5	74.5 74.5	74.5 74.5	74.5	74.5 74.5	74.5 74.5	74.5 74.5	74.5 74.5	74.5 74.5	74.5 74.5	74.5 74.5	74.5 74.5	74.5 74.5	74.5 74.5	74.5 74.5	74.5 74.5
≥ 6000 ≥ 5000	74.3 78.8	74.8 78.8	74.8 78.5	74.8 78.8	74.8 78.8	74.8 78.8		74 • 8 78 • 8	74.8 78.8	74.8 78.8	74.8 78.8	74.8 78.8	74.8 78.8	74.8 78.8	74.8 78.9	74.8 78.2
≥ 4500 ≥ 4000	94.7	91.1 94.7	91.1 94.7	91.1 94.7	91.1 94.7	91.1 94.7	91.1 24.7	94.7	91.1	91.1 94.7	91.1 94.7	91.1	91.1 94.7	91.1	91.1 94.7	91.1
≥ 3500 ≥ 3000	95.6 96.1	95.6 96.1	95.5 96.1	95.6 96.1	95.6 96.1	95.6 96.1	96.1	95.6 96.1	95.6 96.1	95.6 96.1	95.6 96.1	95.6 96.1	95.5 96.1	95.5 96.	95.6 96.1	95.6 96.1
≥ 2500 ≥ 2000 ≥ 1800	98.2 99.6	98•3 99•8	98.3 99.3		98•3 99•8	98.3 99.8	99.8			98.3 99.8		98•3 99•8	98.3 99.8	98.3 99.8	98.3 99.8	98.3
≥ 1500	99.7 59.7	99.9	59.9	100.0	100.0	110.0	100.0	100.0	133.0	130.0		00.1	1.00.0	00.0		تعدف
≥ 1000	99.7 79.7	99.9 99.9	99.9	100.0	130.0	120.0	100.0	100.0	132.0	100.0	100.0	בבנט	0.00	Lice	بمعت	ناميان
≥ 800	59.7 59.7	99.9 99.9	99.7	193.0	170.C	103.0	120.0	170.1	inn.n	100.0	100.0	00.7	177.0	130.3	100.0	നമം മ
≥ 600	79.7 99.7	99.9	99.9		169.0	170.	:00.0	190.0	100.0	LOD.S		100.5	132.3	معمدا	00.0	0.0
≥ 400 ≥ 300	99.7	99.9 99.9	99.9	100.0	100.0 100.0	100.0	137.0	100.0		136.0	100.C 100.J	103.9	00.0	20.	0.00	عمنت
≥ 200	99.7	99.9	99.9	100.0	100.0	160.0	100.0	102.3	0.001	196.0		0.00	132.5	108.0	06.0	2000
≥ 0	99.7	59.9			155.0							75.0			100.0	20.2

TOTAL NUMBER OF OBSERVATIONS....

931

CEILING VERSUS VISIBILITY

22:20 HONG

HONOLULU TAP HI

73-79

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500

CEILING							VIS	IBILITY (ST	ATUTE MIL	ES)						
(FEET)	≥10	≥6	≥5	≥4	≥3	≥2%	≥2	≥1%	≥1%	≥1	≥ ¾	≥%	≥ 15	≥ 5/16	≥ ¼	≥0
NO CEILING ≥ 20000	65 • 2 68 • 5	65•2 68•5	65.2 68.5	65 • 2 58 • 5		65•2 68•5		65.2 68.5	65.2	65.2	65.2 68.5	65.2	65.2	65.2	65•2 68•5	65.2
≥ 18000 ≥ 16000	68.5 58.8	68.5 68.8				68.5 68.8		68.5 68.8	68.5 68.8	68.5	68.5	68.5 68.6	68.5	68.5	68.5	68.5
≥ 14000 ≥ 12000	69.4 12.8	69.4 70.8	7					59.4 70.8	69.4	69.4 70.8	69.4 70.8	69.4	69.4 75.8	69.4 70.8	69•4 70•8	69.4 70.8
≥ 10000 ≥ 9000	71.7 72.3	71.7 72.3	71.7	71.7 72.3	72.3	71.7	71.7 72.3	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
≥ 8000 ≥ 7000	72.7	72.7 72.7	72.7	72.7 72.7	72.7 72.7	72.7 72.7	72.7 72.7	72.7	72.7	72.7 72.7	72.7	72.7	72.7	72.7	72.7	72.7
≥ 6000 ≥ 5000	73.2 77.4	73.2 77.4		73 • 2 77 • 4	73.2 77.4	73•2 77•4	73.2 77.4	73.2 77.4	73.2 77.4	73.2 77.4	73.2 77.4	73.2	73.2 77.4	73.2 77.4	73.2 77.4	73.2
≥ 4500 ≥ 4000	91.4 95.2	91.5 96.5	91.5 96.5	91.5 96.5	91.5 96.5	91.5	91.5 96.5	91.5 96.5	91.5	91.5 96.5	91.5 96.5	91.5	91.5	91.5 96.5	91.5	91.5
≥ 3500 ≥ 3000	97.4 97.4	97•3 97•6	97.3 97.6	97.3 97.6	97.3 97.6		97.3 97.6	97•3 97•6	97.3 97.6	97.3 97.6	97.3 97.6	97.3 97.6	97.3 97.5	97.3 97.6	97.3 97.6	97.3
≥ 2500 ≥ 2000	98•8 99•6	99.E	99.0 99.9	99.0	99.0			99.0	99.0	99.0	99.3	99.0				99.0
≥ 1800 ≥ 1500	99.7 59.7	99.9 99.9	100.0	100.0	140.0	100.0	100.0	100.0	100.0	າດຄະດ	ing.o	0.00	ban an	00.0	10.D	nn.al
≥ 1000	99.7	99.9 99.9	130.0	100:0	1.00.0	170.0	100.0	100.9	100.0	100.0	100.0	100.0	100.0	0.001	.00.0	00.0
≥ 900 ≥ 800	99.7 99.7	99.9	187.5 183.5	103.4 103.6	100.0	130.0 0.00	1(0.0 110.0	100.0	100.0	160.0	100.0	100.0	00.0	0.00	100°0	00.0
≥ 700 ≥ 600	59.7 99.7	99.9 99.9	100.0	100.0	150.J	100.U	100.0	190.0 180.0	100.0 108.0	100.0	100.0	100.0	100.0	.00.0 .00.0	00.0	00.00
≥ 500 ≥ 400	₹9.7 99.7	99.9 99.9	100.0 100.0	101.C	198.0 199.0	100.0 104.0	100.0 100.0	100.0 100.0	100.0	100.0	100.0	100.0	0.001	0.001	100.0	0.001
≥ 300 ≥ 200	79.7	99.9	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	00.0
≥ 100 ≥ 0	99.7 99.7	99.9 99.9	100.0 100.5	190.0	100.0 120.0	100.0	100 • 0 100 • 0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	.00.0	00.0

TOTAL NUMBER OF OBSERVATIONS 93

CEILING VERSUS VISIBILITY

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HONOLULU IAP HI

70-70

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

620-0800

CEILING							VIS	IBILITY (ST	ATUTE MIL	ES)						
(FEET)	≥10	≥6	≥5	≥4	≥3	≥2%	≥ 2	≥1%	≥114	≥1	≥ 1/4	≥%	≥%	≥5/16	≥¼	≥0
NO CEILING ≥ 20000	52.7 73.1	62.7	62.7 70.1	62.7	62.7 70.1	52.7 70.1	62.7 75.1	62.7 77.1	62.7 70.1	62.7 70.1	62.7 75.1	62.7 70.1	62.7 75.1	62.7 70.1	62.7 70.1	62.7 7u.1
≥ 18000 ≥ 16000	7J.1 73.3	78.1 79.3	70.1	70.1 79.3	70.1 77.3	79.1 73	70.1 70.3	70.1 77.3	70.1 70.3	70.1 70.3	76 • 1 70 • 3	78.1 78.3	70.1 70.3	70.1 70.3	70 • 1 70 • 3	70.1 76.3
≥ 14000 ≥ 12000	71.2 12.0		71.2 72.	71.2 72.5	71.2	71.2	71.2	71.2	71.2 72.0	71.2	71.2	71.2 72.3	71.2 72.0	71.2 72.0	71.2 72.0	71.2 72.6
≥ 10000	72•8 73•3	72.8 73.3	72.8 73.3	72•8 73•3	72.8 73.3	72.8 73.3	72.8 73.3	72.8 73.3	72.8	72.8	72.8 73.3	72.8	72.8 73.3	72.8	72.8	72.8
≥ 8000 ≥ 7000	73.7 73.7	73.7 73.7	73•7 73•7	73•7 73•7	73.7 73.7	73.7 73.7	73.7 73.7	73.7 73.7	73.7 73.7	73.7 73.7	73.7 73.7	73.7 73.7	73•7 73•7	73.7 73.7	73.7 73.7	73.7
≥ 6000 ≥ 5000	74.4 89.9	74.4 80.9	74.4 87.9	74.4 87.9	74.4 81.9	74.4 87.9	74 • 4 80 • 9	74.4	74.4 80.9	74.4 80.9	74.4	74.4 80.9	74.4 80.9	74.4	74.4 80.9	74.4 85.9
≥ 4500 ≥ 4000	92•2 95•6	92•3 95•7	92.3 95.7	92.3 95.7	92.3 95.7	92.3 95.7	92.3 95.7	92.3 95.7	92•3 95•7	92.3 95.7	92.3	92.3	92.3 95.7	92.3. 95.7	92•3 95•7	92.3 95.7
≥ 3500 ≥ 3000	96.0	96.1 96.1	96.1	96 • 1 95 • 1	96.1 96.1	96.1 96.1	96.1 96.1	96.1 96.1	96.1 95.1	96.1 96.1	96.1 96.1	96.1 96.1	96.1 95.1	96.1	96.1 96.1	96.1 96.1
≥ 2500 ≥ 2000	97.5 99.6		97.6 99.9	97•6 99•9	97.6 99.9	97.6 99.9	97.6 99.9	97.6	97.6 99.9	97.6 99.9	97.6 99.9	97.6 99.9	97.6 99.9	97.6 99.9	97.6 99.9	97.6
≥ 1800 ≥ 1500	99.6 99.7		100.7			100.0										99.9
≥ 1200	99.7		100.7	103.0	100.0	100.0 100.0	100.0	100.0	100.0	0.001	130.0	100.0	100.0	00.0	100.5	00.0
≥ 900 ≥ 800	99•7 99•7	100.0	100.0	100.0	100.0		100.0	100.0	100.6	100.0	110.0	100.0	100.0	100.0	100.0	اممود
≥ 700 ≥ 600		190.0	100.0 100.0	173.8	190.0	100.3	100.3	130.3	130.0	100.0	100.0	100.0	100.0	00.0	Lug o	00.0
≥ 500 ≥ 400	99.7	100.0	190.0 180.0	100.0	100.9	100.0	100.0	10J.0	130.0	100.0	100.0	130.0	100.0	ر وور	ເປນເປ	00.0
≥ 300 ≥ 200		100.0	190.9 190.8	100.0	160.0	100.0	100.0	130.0	100.0	106.0	105.0	100.0	100.0	00.0	ល្ងាត	00.0
≥ 100 ≥ 0	99.7		100.7			100.0 100.0										

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC 1014 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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CEILING VERSUS VISIBILITY

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1980-110c

CEILING							VIS	BILITY (STA	ATUTE MIL	ES)			-			
(FEET)	≥10	≥6	≥5	≥4	≥3	≥2⅓	≥2	≥1%	≥14	≥1	≥ ¾	≥%	≥%	≥ 5/16	≥%	≥0
NO CEILING ≥ 20000	59.6 71.3	59.6 71.3	59.6 71.3	59.6 71.3	59.6 71.3		59.6 71.3	59.6 71.3	59.6 71.3	59.6 71.3	59.6 71.3	59.6 71.3	59.6 71.3	59.6 71.3	59.6 71.3	59.6 71.3
≥ 18000 ≥ 16000	71.6 72.2	71.6 72.2	71.6	71.6 72.2	71.6	71.6	71.6	71.6 72.2	71.6 72.2	71.6	71.6 72.2	71.5	71.6	71.5	71.6 72.2	71.6
≥ 14000 ≥ 12000	72.7 73.4	72.7 73.4		72.7 73.4	72•7 73•4	72.7	72.7	72.7 73.4	72.7 73.4	72.7 73.4	72.7 73.4	72.7 73.4	72.7	72.7	72.7 73.4	72.7
≥ 10000 ≥ 9000	73.8 74.3	73.E 74.3	73.8 74.3	73.8 74.3	73.8	73.8 74.3	73.8	73.8 74.3	73.8	73.8	73.8 74.3	73.8 74.3	73.8	73.8	73.8 74.3	73.8
≥ 8000 ≥ 7000	75.2 75.2	75.2 75.2	75•2 75•2	75•2 75•2	75.2 75.2	75.2 75.2	75 • 2 75 • 2	75•2 75•2	75.2 75.2	75.2 75.2	75•2 75•2	75.2 75.2	75.2 75.2	75.2 75.2	75.2 75.2	75.2 75.2
≥ 6000 ≥ 5000	75.5 32.3	75.5 82.3	75.5 82.3	75.5 82.3	75.5 82.3	75•5 82•3	75.5 82.3	75 • 5 82 • 3	75.5 82.3	75.5 82.3	75.5 82.3	75.5 82.3	75.5 82.3	75.5 82.3	75.5 82.3	75.5 82.3
≥ 4500 ≥ 4000	94.2 95.6	94.2 95.5	94•2 95•6	94 • 2 95 • 6	94.2 95.6		94.2 95.6	94.2 95.6	94.2	94.2 95.6	94.2 95.6	94.2 95.6	94.2 95.6	94.2 95.5	94.2	94.2 95.6
≥ 3500 ≥ 3000	96.0 96.2	96.0 96.2	96.0 96.2	96.0 96.2	96.D 96.2		96.0 96.2	96 J 96 2	96.0 96.2	96.0 96.2	95.3 96.2	96.D	96.0 96.2	96.U 96.2	96.0 96.2	96.0 96.2
≥ 2500 ≥ 2000	98.4 99.8	98•4 99•9		98•4 99•9	98.4	98.4	98.4 99.9	98•4 99•9		99.4	98.4 99.9	98.4	98.4	98•4 99•9	98•4 99•9	98.4 99.9
≥ 1800 ≥ 1500	99.9	100.0 200.5		100.0						100.3	160.0 160.0		102.0	100.3 100.2	100.7	1
≥ 1200 ≥ 1000											100.U					
≥ 900 ≥ 800	79.9										100.J					
≥ 700 ≥ 600	79.9										138.5 130.6					• 1
≥ 500 ≥ 400	99.9 99.9										1.00.0 1.70.7					
≥ 300 ≥ 200	99.9										160.0 160.0				í	
≥ 100 ≥ 0	39.9 99.9										100.0 100.1			(-		

TOTAL NUMBER OF OBSERVATIONS

930

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CEILING VERSUS VISIBILITY

22521

HONOLULU IAP HI

79-79

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400

CEILING							VIS	IBILITY (ST	ATUTE MIL	ES)						
(FEET)	≥10	≥6	≥5	≥4	≥3	≥2%	≥2	≥17⁄2	≥1¼	≥1	≥ ¾	≥ 3/8	≥%	≥5/16	≥ 1/4	≥0
NO CEILING ≥ 20000	02•4 75•2	52.4 76.2	62.4 76.2	62.4 76.2	62.4 76.2	52.4 76.2	62.4 75.2	62.4 76.2	62.4 76.2	62.4 75.2	62.4 76.2	62.4	62.4	62.4	62.4	62.4
≥ 18000 ≥ 16000	76.7 76.9	76.7 76.9	76.7 76.9	76.7 76.9	76.7 76.9	76.7 75.9	76.7 76.9	75.7 76.9	76.7 76.9	76.7 76.9	76.7 76.9	76.7 76.9	76.7 76.9	76.7 76.9	76.7 75.9	76.7 76.9
≥ 14000 ≥ 12000	78 • 1 78 • 7	78.1 78.7	78.1 78.7	78.1 78.7	78.1 78.7	78.1	78.1 78.7	78.1 78.7	78.1 78.7	78.1 78.7	78.1	78.1 78.7	78.1 78.7	78.1 78.7	78 • 1 78 • 7	78.1 78.7
≥ 10000 ≥ 9000	78.9 79.4	78.9 79.4	78.9 79.4	78.9 79.4	78.9 79.4	78.9	78.9	78.9 79.4	78.9 79.4	78.9 79.4	78.9	78.9	78.9	78.9	78.9 79.4	78.9 79.4
≥ 8000 ≥ 7000	79.6 79.6	79.6 79.6	79.6	79.6	79.6	79.6	79.6	79.6 79.6	79.6 79.6	79.6	79.6 79.6	79.6	79.6	79.6	79.6	79.6
≥ 6000 ≥ 5000	80.1 86.3	8J.1 86.3	80.1 86.3	83.1	80.1 86.3	80.1 86.3	80.1	80.1 86.3	80.1	80.1 86.3	80.1	89.1 85.3	80.1	80.1 86.3	83.1 86.3	30.1
≥ 4500 ≥ 4000	94.5	94.5	94.5	94.5		94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5 96.2	94.5	94.5	94.5
≥ 3500 ≥ 3000	76.2 95.9	96.3 97.6	96.3	96.3	95.3	96.3	96.3	96.3	96.3 97.0	96.3	96.3	95.3	96.3	96.3		96.3
≥ 2500 ≥ 2000	98 • 8 99 • 5	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9		98.9
≥ 1800 ≥ 1500	99.6 99.6	99.8		100.0 100.0					100.C	100.0		190.0	100.0			00.0
≥ 1200 ≥ 1000	99.6 99.6	99.8 99.8	99.9	190.0 190.0	100.0	100.0		100.0	100.3	100.0	100.0	100.0	100.0	100.0	100.0	00.0
≥ 900 ≥ 800	99.6 99.5	99.8		130.0 130.0	100.0	100.0	100.0	100.0	100.0	100.0	136.9	100.0	109.0	.00.0	100.C	00.0
≥ 700 ≥ 600	99.6	99.8	99.9	100.0	100.0	100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	00.0
≥ 500 ≥ 400	99.6 99.6	99.8 99.8		100.0 100.6	10 😘 🛭	100.0	100.0	100.0	100.0	100.0	160.0	100.0	0.001	100.0	100.0	100.0
≥ 300 ≥ 200	99.6 99.6	99.8	99.9	100•0 100•0	180.C	100.0	100.0	100.0	100.0	100.0	100.0	100.0	133.0	100.0	100.0	188.0
≥ 100 ≥ 0	99.6 99.6	99.8 99.8	99.9	100.0 100.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	00.0

TOTAL NUMBER OF OBSERVATIONS

930

CEILING VERSUS VISIBILITY

22521

HONOLULU IAP HI

79-79

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700

CEILING							VIS	IBILITY (ST	ATUTE MIL	ES)						
(FEET)	≥10	≥6	≥5	≥4	≥3	≥2%	≥?	≥1%	≥1%	≥1	≥ ¾	≥%	≥ 14	≥ 5/16	≥ ¼	≥0
NO CEILING ≥ 20000	60.9 73.5	60.9 73.5	60.9 73.5		60.9 73.5	60.9 73.5						60.9 73.5	60.9 73.5		1	60.9 73.5
≥ 18000 ≥ 16000	73•7 74•3	73•7 74•3	73.7 74.3	74.3	73•7 74•3	73•7 74•3	74.3	73•7 74•3	73.7 74.3	74.3	74.3	73•7 74•3	73.7 74.3	73.7 74.3	74.3	74.3
≥ 14000 ≥ 12000	75.3 76.6	75.3 76.6	75.3 76.5		75.3 76.6				75.3 76.6	76.6	75 • 3 76 • 6	75 • 3 76 • 6	75.3 76.6	75•3 76•6		
≥ 10000 ≥ 9000	77.8 78.5	77.8 78.5	77.8 78.5		77.8 78.5	77•8 78•5			77.8 78.5		77•8 78•5	77.8 78.5	77.8 78.5	77.8 78.5		
≥ 8000 ≥ 7000	78.8 78.8	78.8 78.8	78.8 78.8		78.8 79.8	78.8 78.8			78.8 78.8		78 • 8 78 • 8	78.8 78.8	78.8 73.8	78.8 78.8	78.8 75.8	78.8 78.8
≥ 6000 ≥ 5000	79.5 97.1		79.5 87.1		79.5 87.1	79.5 87.1			79.5 87.1		79.5 87.1	79.5	79.5 87.1	79.5 87.1	79.5 87.1	79.5 87.1
≥ 4500 ≥ 4000	97.1	97.2 97.7	97.2 97.7	97.2 97.7	97.2									97.2	97.2	
≥ 3500 ≥ 3000	97.8	98.	98.0	98 • ù	98.0	98.3	98.0	98.0	98∙0		98.0		98.0	98.0	98.0	
≥ 2500 ≥ 2000	99.1	99.2	99.2		99.2	99•2	99•2	99.2	99.2	99.2	99.2	99.2	99.2	99.2		
≥ 1800 ≥ 1500	99.9	_00.0	100.3	100.0	130.0	100.0	100.0	130.0	100.1	100.3	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200 ≥ 1000	99.9	100.3	180.6	100.0 100.0	167.0	100.0	130.0	100.0	100.0	100.0	130.3	100.0	100.3	100.0	100.0	100.0
≥ 900 ≥ 800	99.9	100.0	100.0	100.0 100.0	100.0	100.0	100.0	100.0	100.0	190.0	185.3	185.0	160.0	130.7	100.0	20.0
≥ 700 ≥ 600	99.9	:33.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	180.0	130.0	20u•0	163.0	190•0	100.0	190.0
≥ 500 ≥ 400	99.9	100.0	100.3	100.0	100.0	100.0	130.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	.00.0	100.0
≥ 300 ≥ 200	99.9	103.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	167.0	100.0	100.0	100.0
≥ 100 ≥ 0	99.09	100.0	100.0	100.0	100.0	100.0	130.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.C

TOTAL NUMBER OF OBSERVATIONS 930

CEILING VERSUS VISIBILITY

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HONOLULU IAP HI

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000

CEILING (FEET)							VIS	SIBILITY (ST	ATUTE MIL	.ES)						
	≥10	≥6	≥ 5	≥4	≥3	≥2½	≥2	≥1½	≥114	≥1	≥ ¾	≥%	≥ 1/2	≥5/16	≥ 1/4	≥0
NO CEILING ≥ 20000	23.7	64.6 73.7	64.6 73.7						64.6 73.7	64.6 73.7	64.6	64.6	54.6 73.7	64.6	64.6	54.6 73.7
≥ 16000	74.1 74.2	74.1 74.2	74 • 1 74 • 2	74.1 74.2	74.1 74.2	74.1 74.2	74.1 74.2	74.1 74.2	74.2	74.1	74.2	74.1 74.2	74.1	74.1	74.1	74.1
≥ 14000 ≥ 12000	75.2 77.0	75.2 77.0	75•2 77•	75.2 77.0	75.2 77.0	75.2 77.0			75.2 77.0	75.2	75.2	75.2 77.0	75.2	75.2	74.2 75.2	74.2
≥ 10000 ≥ 9000	77.6 78.2	77.6	77.6 78.2	77.6 78.2	77.6 78.2		77.6 78.2	77.6 78.2	77.6 78.2	77.6 78.2	77.5	77.5 78.2	77.6	77.6	77.0 77.6	77.D
≥ 8000 ≥ 7000	78.5 78.6	78.5 78.6		78.5 78.6	78.5 78.6			78.5 78.6	78.5 78.6	78.5 78.6	78.5 78.5	78.5 78.6	78.2 78.5	78.2 78.5	78.2 78.5	78.2 78.5
≥ 6000 ≥ 5000	78.8 34.5	78.8 84.5	78.8 84.5	78.8 84.5	78.8 84.5	78.8 84.5	78.8	78.8 84.5	78 · 8 84 • 5	78.8	78.8	78.8	78.8	78.6 78.8	78.6 78.8	78.6 78.8
≥ 4500 ≥ 4000	95•2 96•5	95.2 96.5	95.2 96.5	95.2 96.5	95.2 96.5	95.2 96.5	95.2 95.5	95.2 96.5	95.2 96.5	95.2	95.2	95.2	95.2	95.2	84.5 95.2	95.2
≥ 3500 ≥ 3000	96.7 97.1	96.7 97.1	96.7	96.7 97.1	96.7 97.1	96.7	96.7	96.7 97.1	96.7 97.1	96.7	96.7	96.7		96.7		96.5 96.7
≥ 2500 ≥ 2000	98.5 99.93	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	97.1 98.5	97.1 98.5	97.1
≥ 1800 ≥ 1500	59.91	GO . 01	00.0	00.01	00.0			1111 - MN	ne en	00.01		بأري حرس		L		
≥ 1200 ≥ 1000										00 - C1						
≥ 900 ≥ 800	99.91	30.01	00.01	00.01	00.0	no ni	00.00	00 - 0h	30 00	00.00	00.0E	<u> </u>	CO.01	00.01	00.5	00.0
≥ 700 ≥ 600	99.9i	00.01	00.01	00.01	02.01	00.00	30.01	nn nh	on ni	DO OF	00.0	00.01	00.01	30.01	00.3	30.0
≥ 500 ≥ 400	99.91	00.01	00.01	30.01	00.01	00.00	00.01	00.01	CLO DA	00.00	00.00	<u> </u>	00.01	20.01	uu.nk	30.0
≥ 300 ≥ 200	99.91	00.01	00.01	00.01	00.01	130.02	00.01	DO - 04	00 ch	00.00	00. Tu	00.01	00.01	00.01	00.01	30.0
≥ 100 ≥ 0	19.91	00.01	00.G1	00.01	90.00	00.01	20.01	00 - 01	00 00	00.00	00.00	00.0g	10.75	00.0	00.01	38.0
——————————————————————————————————————	99.91		OUPUI	an • alt	nn • nT	<u>កព • ព្យា</u>	UB • DI	00.01	30.01	<u> ՈՕ• ՄԷ</u>	00.0L	<u> </u>	uo ak	00.0	00.0	00.0

TOTAL NUMBER OF OBSERVATIONS_

935

CEILING VERSUS VISIBILITY

22525

HONOLULU IAP HI

10-79

ALLS

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300

CEILING							VIS	BILITY (ST	ATUTE MIL	ES)						
(FEET)	≥10	≥6	≥5	≥4	≥3	≥2%	≥2	≥1½	≥1¼	≥1	≥ ¾	≥%	≥%	≥5/16	≥¼	≥0
NO C. NG ≥ 200√0	66.9 73.2	66.9 73.2		66.9 73.2	:		66.9 73.2		66.9 73.2	66.9 73.2	66.9 73.2	66.9 73.2	65.9 73.2	66.9 73.2	66.9 73.2	66.9 73.2
≥ 18000 ≥ 16000	73.5 73.5	73.5 73.5		73.5 73.5	73.5 73.5		73.5 73.5	73.5 73.5	73.5 73.5	73.5 73.5	73.5 73.5	73.5 73.5	73.5 73.5	73.5 73.5	73.5 73.5	73.5 73.5
≥ 14000 ≥ 12000	73.9 74.6		1 1	73.9 74.5	73.9 74.6	73.9 74.6	73.9 74.6	73.9	73.9 74.6	73.9 74.6	73.9 74.5	73.9 74.6	73.9 74.6	73.9	73.9 74.6	73.9 74.6
≥ 10000 ≥ 9000	74.7 75.3	74.7 75.3	74.7 75.3	74.7 75.3	74.7 75.3	74.7 75.3	74.7 75.3	74.7 75.3	74.7 75.3	74.7 75.3	74.7 75.3	74.7 75.3	74.7 75.3	74.7 75.3	74.7 75.3	74.7 75.3
≥ 8000 ≥ 7000	75.8 75.8	75.8 75.8		75.8 75.8	75.8 75.8	75.8 75.8	75.8 75.8	75.8 75.8	75•8 75•8	75.8 75.8	75.8 75.8	75.8 75.8	75.8 75.8	75.8 75.8	75.8 75.8	75.8 75.8
≥ 6000 ≥ 5000	76.2 30.9	80.9	80.9	76.2 87.9	76.2 87.9	87.9	76•2 85•9	76•2 80•9	76.2 83.9	76.2 80.9	80.9	76.2 83.9	76.2 83.9	76•2 80•9	76.2 80.9	76.2 84.9
≥ 4500 ≥ 4000	92.5 95.2	95.2	92.5 95.2	92.5 95.2	92.5 95.2	92.5 95.2	92.5 95.2	92.5 95.2	92.5 95.2	92.5 95.2	92.5 95.2	92•5 95•2	92.5 95.2	92.5 95.2	92•5 95•2	92.5 95.2
≥ 3500 ≥ 3000	96.3 96.9	96.3 96.9	96.9	96.3 96.9		96.9	96.3 96.9	96.9		96.3 96.9	96.3 96.9	96.3 96.9	96.3 96.9	96•3 96•9	96.3 96.9	96•3 96•9
≥ 2500 ≥ 2000		100.0	100.5		100.0	103.0	100.0	100.0	130.n		170.	98.6 100.3			98.6 1.11.1	
≥ 1800 ≥ 1500	99.7 99.7	100.0	100.0	100.6	100.0	100.0	100.0	100.0	100.0	100.0	139.0	133.0	ה חסו	100.1	1.10.7	0.00
≥ 1200 ≥ 1000	99.7	150.3	100.7	100.0	:00.0	100.3	100.0	100.0	160.0	100.0	130.0	100.3	0.00	00.0	00.0	60.0
≥ 900 ≥ 800		170.5	100.7	100.0	100.0	100.0	100.0	193.5	100.0	102.0	100.0	100.0	100.0	100.3	100.3	0010
≥ 700 ≥ 600	99.7	100.0	100.0	100.0	100.0	100.0	1.C(1.0	100.0	150.0	100.3	130.0	100.0	נ.כנו	100.0	ing.n	20.0
≥ 500 ≥ 400	99.7	198.6	100.0 100.0	100.0	100.0	160.0	130.0	133.0	100.0	103.0	100.3	130.3	199.0	1000	100.0	Steil
≥ 300 ≥ 200	99.7	100.0	100.3 100.3	100.0	100.0	100:0	100.0	100.0	100.0	100.0	130.0	100.0	153.5	ែល.០	100.3	20.5
≥ 100 ≥ 0			100.7 100.6													

TOTAL NUMBER OF OBSERVATIONS 9

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CEILING VERSUS VISIBILITY

2521 HONOLULU TAP HI 70-79

YEARS

PERCENTAGE FREQUENCY OF OCCURREN

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	BILITY (ST	ATUTE MIL	ES)						
(FEET)	≥10	≥6	≥5	≥4	≥3	≥2%	≥2	21%	≥1¼	≥1	≥¾	≥%	≥%	≥ 5/16	2.3	≥0
NO CEILING ≥ 20000	63.6 72.2	63.6 72.2	63.5 72.2			63.6 72.2	63.6 72.2	63.6 72.2	63.6 72.2		63.6	63.6 72.2	63.6 72.2	63.6 72.2	63.6 72.2	53.6 72.2
≥ 18000 ≥ 16000	72.5 72.7	72.5	72.5 72.7	72.5 72.7	72.5 72.7	72.5 72.7	72.5 72.7	72.5 72.7	72.5 72.7	72.5 72.7	72.5 72.7	72.5 72.7	72.5	72.5 72.7		72.5 72.7
≥ 14000 ≥ 12000	73.4 74.5	73.4 74.5	73.4 74.5	73.4 74.5	73.4 74.5	73.4 74.5	73.4 74.5	73.4 74.5	73.4 74.5	73.4 74.5	73.4 74.5	73.4 74.5	73.4 74.5	73.4 74.5	73.4	73.4 74.5
≥ 10000 ≥ 9000	75.2	75•2 75•7	75.2 75.7		75.2 75.7	75.2 75.7	75.2 75.7	75•2 75•7	75.2 75.7	75.2 75.7	75.2 75.7	75.2 75.7	75.2 75.7	75.2 75.7	75.2 75.7	
≥ 8000 ≥ 7000	76.1 76.1	76.1 76.1	76.1 76.1	76.1 76.1	75.1 76.1	76.1 76.1	76.1 76.1	76.1 76.1	76.1 76.1	76.1 76.1	76.1 76.1	76.1 76.1	76 • 1 76 • 1	76.1 76.1	76.1 76.1	76.1 76.1
≥ 6000 ≥ 5000	76.6 82.3	76.5 82.3	76.6 82.3		76.6 82.3	76.6 82.3	76 • 5 82 • 3	76.6 82.3	76.6 82.3	76.6 82.3	76.6 82.3	75.6 82.3	76.6 82.3	76.6 82.3	76.6 82.3	76.6 82.3
≥ 4500 ≥ 4000	93.5 95.9	96.	96.	96.0	96.0		96.3	93•5 96•0		96.0	93.5 96.0	93.5 96.0			93.5 96.7	
≥ 3500 ≥ 3000	96.8	96.9	96.9	96.9	96.9	96.5 96.9	96.9	96.9		96.9	96.5 96.9		96.9	96.5		95.9
≥ 2500 ≥ 2000	98.5	99.9	99.9	99.9	98.6 99.9	98.6 99.9	99.9	98 • 6 99 • 9	99.9	99.9	98.6 99.9	99.9	98.6	98.6 99.9	98.6	
≥ 1800 ≥ 1500	99.7 99.7	99.9		100.0	163.0	170.0	100.0	100.0	100.0	100.0	160.0	100.0	100.0	100.	100.0	חפים
≥ 1200 ≥ 1000	99.7	99.9	100.0	100.0	100.0	100.0 100.0	100.0	100.0	105.0		tan.a	100.0	100.0	00.0	00.0	0.00
≥ 900 ≥ 800 ≥ 700	99.7	99.9	100.0	100.0	100.0	100.0 100.0	100.0	100.0	160.0	100.0 100.0	100.1	100.0	100.0	:00.3	en n	00.0
≥ 600	99.7 99.7	99.9	100.0	100.0	100.0 100.0	1.60.0	100.0	160.0	100.0	100.0	100.0	100.0	100.0	00.0	100.0 100.0	00.0
≥ 500 ≥ 400 ≥ 300	99.7	99.9	100.0	100.0	100.0	100.0	180.0	100.0	100.0	100.0	100.0	100.0	100.0	F	00.0	00.0
≥ 200	99.7	99.9	160.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	1000	00.0	00.0	00.0
≥ 0	49.7			1												00.0

TOTAL NUMBER OF OBSERVATIONS 7440

CEILING VERSUS VISIBILITY

22521

HONOLULU IAP HI

73-79

SEP-

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200

CEILING							VIS	IBILITY (STA	ATUTE MILI	ES)						
(FEET)	≥10	≥6	≥5	≥4	≥3	≥2%	≥2	211⁄2	≥1¼	≥1	≥ ¾	≥%	≥%	≥5/16	≥¼	≥0
NO CEILING ≥ 20000	73•4 7 7• 8	73.4 77.8	73.4 77.8	73.4 77.8	73.4 77.8	73•4 77•8	73.4 77.8	73.4 77.8	73.4 77.8	73.4 77.8	73.4 77.8	73.4 77.8	73.4 77.8	73.4 77.8	73.4 77.8	73•4 77•8
≥ 18000 ≥ 16000	77.9 77.9	77.9 77.9	77.9 77.9	77.9 77.9	77.9 77.9	77.9 77.9	77.9 77.9	77.9 77.9	77.9 77.9	77.9 77.9	77.9 77.9	77.9	77.9 77.9	77.9 77.9	77.9 77.9	77.9 77.9
≥ 14000 ≥ 12000	78.3 78.8	78.3 79.8		78.3 78.8	78•3 78•8	78.3 78.8	78•3 78•8	78.3 78.8	78.3 78.8	78.3 78.8	78•3 78•8	78.3 78.8	78.3 78.8	78.3 78.8	78.3 78.8	78•3 78•8
≥ 10000	79.9 82.5	79.9 80.0		79.9 89.0			79.9 80.0		79.9 80.0	79.9 80.0	79.9 80.0	79.9 83.5	79.9 80.0	79.9 80.1	79.9 83.8	79.9 80.44
≥ 8000 ≥ 7000	80.0 87.0	3.08 1.58	80.0	80.0 0.08				80.0			80.0 3.08	80.0 80.7	80.0 82.0	80.0 80.0	80.0 80.7	80.0 80.0
≥ 6000 ≥ 5000	83•1 25•2	80.1 85.2	80 • 1 85 • 2	80.1 85.2	83 - <u>8</u>	83•1 85•2	\$0.1 85.2	80.1 85.2	80.1 85.2	80.1 85.2	80.1 85.2	80•1 85•2	80•1 85•2	80.1 85.2	80.1 85.2	85.2
≥ 4500 ≥ 4000	96.6 98.0	96.6 98.1	96 • 5 98 • 1	96.6 98.1	90.5 98.1	98.1	98.1	96.6 98.1	96.6 98.1	96.6 98.1	96.6 98.1	96•6 98•i	96.6 98.1	96.6 98.1	96.6 98.1	95.6 98.1
≥ 3500 ≥ 3000	98•3 98•3	98•4 98•4	98•4 98•4	98•4 98•4	98•4 98•4		58.4 98.4	98.4	98 • 4 98 • 4	98.4 98.4	98•4 98•4	98.4 98.4	98.4 98.4	98•4 98•4	98•4 98•4	98•4 98•4
≥ 2500 ≥ 2000	79.2 79.7	99.3	99•3 99•8	99.3 99.8		99.8		99.8	99.8		99.3 99.8	99.3 99.8	99.3 99.8	99•3 99•8	99.3 99.8	
≥ 1800 ≥ 1500	99.8 99.8	99.9		99.9	100.0	100.0	100.0	100.0	100.0	100.0	100°0	زميروا	تعصيا	لتعقيا	بموور	70.0
≥ 1200	99.8 99.8	99.9	99.9	99.9	100.0	1.0.0	100.0	130.0	100.0	00.0	100.0	100.0	167.0	00.0	ion.	Dueil
≥ 900 ≥ 800	99.8 99.8	99.9		99.9	110.0	130.3	100.0	100.0	اعتدا		100.0 100.0	100.0	100.0	100.5	100.0	0.00
≥ 700 ≥ 600	99.8 99.8	99.9 39.9		99.9	1.0.0	100.0	100.0	100.0	100.0	190.0	100.0	100.6	ם. מהו	100.0	100.0	00.0
≥ 500 ≥ 400	99.8 99.8	99.9	99.9	99.9	100.0	100.0	130.0	105.0	100.0	100.0	100.0 100.0	100.0	163.0	100.0	0.00	Just
≥ 300	99.8 99.8	99.9		99.9	:00.0	100.0	100.0	100.0	100.0	100.0	100.0	10	ر و ال	انعالتا	<u></u>	100.6
≥ 100 ≥ 0	99.8 99.8	99.9	99.9								100.0 100.0					

TOTAL NUMBER OF OBSERVATIONS 900

CEILING VERSUS VISIBILITY

22521

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HONOLULU IAP HI

79-79

нійом

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

VISIBILITY (STATUTE MILES) ≥ 5/16 NO CEILING 71.4 73.4 71.4 71.4 71.4 71.4 71 - 4 71 - 4 71 - 4 71.4 71.4 71.4 71.4 71.4 71.4 ≥ 20000 75.4 75.41 75.4 75.4 75,4 75.4 75.4 75.4 75.4 75.4 75.4 75.4 75 4 75 4 75 4 75 4 75.4 75.4 75.4 75.5 75.5 75.5 75.5 75.5 75.5 75.5 75.5 75.5 75.5 75.5 75.5 ≥ 14000 75.6 75.6 75.6 75.6 76.3 76.3 76.3 75.6 75.6 75.6 75.6 75.6 75.5 75.6 75.6 75.6 75.6 ≥ 12000 75.3 76.3 76.3 76.3 76.3 ≥ 10000 ≥ 9000 77.5 77.8 ≥ 8000 ≥ 7000 78.0 78.0 78.0 78.0 78.0 78.0 78.0 6000 4500 4000 3500 2500 ≥ 1800 1500 1200 900 ≥ ≥ 600 500 300

TOTAL NUMBER OF OBSERVATIONS 899

CEILING VERSUS VISIBILITY

22521

G

HONOLULU IAP HI

73-79

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOURS (LST)

CEILING							VIS	IBILITY (ST	ATUTE MIL	ES)						
(FEET)	≥10	≥6	≥5	≥4	≥3	≥2⅓	≥2	≥1%	≥1%	≥1	≥ ¾	≥%	≥ '5	≥ 5/16	≥ 1/4	≥0
NO CEILING ≥ 20000	68.9 78.9	69. L	69. 79.	69 • U	69.0 79.0	69.0 79.0		59•1 79•1	69.1 79.1	59.1 79.1	59.1 79.1	69.i 79.1	69.1 79.1	69.1 79.1	69.1 79.1	59.1 79.1
≥ 18000 ≥ 16000	79.5 79.1	79.1 79.2	79.1 79.2	79.1 79.2	79.1 79.2	79.1 79.2	79.2 79.3	79•2 79•3	79.2 79.3	75.2 79.3	79.2 79.3	79.2 79.3	79.2 79.3	79.2 79.3	79.2 79.3	79.2 79.3
≥ 14000 ≥ 12000	79.1 80.0	79.2 83.1	79.2 80.1	79•2 83•1	79•2 80•1	79.2 80.1	79.3 80.2	79.3 85.2	79.3 80.2	79.3 88.2	79.3 80.2	79.3 83.2	79.3 80.2	79.3 80.2	79.3 80.2	79.3 88.2
≥ 10000 ≥ 9000	81.E	81.1 81.2	81.1 81.2	81.1 81.2	81.1 81.2	81.1 81.2	81.3	21.2 81.3	81.2 81.3	81.2 81.3	81.2 81.3	81.2 81.3	81.2 81.3	81.2 81.3	81.2 81.3	81.2
≥ 8000 ≥ 7000	81.3 £1.3	81.4 81.4	81.4 81.4	81.4 81.4	81.4 81.4	81.4 81.4	81.6 81.5	81.6 81.6	81.6 81.6	81.6 81.6	81.6 81.6	81.6 81.6	81.6 81.6	31.6 81.5	81.6 81.6	81.6
≥ 6000 ≥ 5000	62.2 88.4	82.3 88.6	82.3 68.5	82.3 85.6	82 .3 88.6	82.3 88.6	82•4 88•7	82•4 88•7	82.4 88.7	82.4 88.7	82.4 88.7	82.4 88.7	82.4 88.7	82.4 88.7	82.4 88.7	82.4 88.7
≥ 4500 ≥ 4000	97.2 58.2	97.4 98.6	97.4 98.6	97.4 98.6	97.4 98.6	97.4 98.6	97.6 98.7	9 7. 6	97.6 98.7	97.6 98.7	97.6 98.7	97•6 98•7	97•6 98•7	97.5	97.6 98.7	97.6 98.7
≥ 3500 ≥ 3000	98•4 96•4	98.9 98.9	98.9 98.9	98.9 98.9	98.9 98.9	98.9 98.9	99.0 99.0		99.0		99.0			99.0		99.0 99.0
≥ 2500 ≥ 2000	79.E 99.4	99.4 99.9	99.4 99.9	99.4 99.9	99.4 99.9	99.4		99•6 100•0	99.6 100.0					99•6 L00•0		
≥ 1800 ≥ 1500	99.4 99.4	99.9	99.9 99.9		99•9 99•9			100.0 100.0					100.0		L	
≥ 1200 ≥ 1000	99.4 99.4	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9			190.0 190.0								
≥ 900 ≥ 800	99.4 99.4	99.9 99.9	99.9 99.9			99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	168.0	190.0
≥ 700 ≥ 600	99.4	99•9 99•9				99.9	100.0	100.0 100.0	100.0	108.0	1បព•១	100.0		100.0	100.0	.00.0
≥ 500 ≥ 400	99.4 99.4		, , , ,			99.9		100.0	100.0	100.0					100.0	00.0
≥ 300 ≥ 200	99.4 99.4	99.9				99.9	100.0	100.0 100.0	100.6	100.0	100.C	100.0	100.0	100.0	100.0	00.0
≥ 100 ≥ 0	99.4 99.4	99.9 99.9	99.9 99.9		99.9 99.9	99.9	100.0	190.0 100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	.00.0

TOTAL NUMBER OF OBSERVATIONS 901

USAF FTAC TORM (In 14-5 (OL A) returned entropy of this complete

CEILING VERSUS VISIBILITY

2252.

HONOLULU TAP HI

70-79

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100

CEILING							VIS	BILITY (ST.	ATUTE MIL	ES)						
(FEET)	≥10	≥6	≥5	≥4	≥3	≥2'⁄2	≥ 2	≥1½	≥1%	≥1	≥ 1/4	≥%	25	≥ 5/16	≥ %	≥0
NO CEILING ≥ 20000	65.1 76.4	65.3 76.5	65.1 76.5	65.0 76.5	65.0 76.5	65.3 76.5		55.0 76.5		65.0 76.5	65.0 76.5	55.01 76.5	65.0 76.5	65•ძ 76•5	65.0 76.5	
≥ 18000 ≥ 16000	76.4 76.4	76.5 76.5	76.5 76.5	75.5 75.5	76.5 76.5	76.5 76.5		76.5 76.5	76.5 76.5	75.5 76.5	76.5 76.5	76.5 76.5	76.5 76.5	76.5 76.5	76.5 76.5	76•5 76•5
≥ 14000 ≥ 12000	77.3 77.2	77.1	77.1 77.3	77.1 77.3	77.1 77.3	77.1 77.3	77.1 77.3	77.1 77.3	77.1 77.3	77.1 77.3	77.1 77.3	77.1 77.3	77.1 77.3	77•1 77•3	77.1 77.3	77.1 77.3
≥ 10000	77.6 78.2	77.8 78.3	77.8 78.3	77.8 78.3	77.8 78.3	77.8 78.3	78.3	77.8 78.3	77.8 78.3	78.3	77•8 78•3	77.8 78.3	77.8 78.3	77•8 78•3	77.8 78.3	73.3
≥ 8000 ≥ 7000	78.2 78.2		78.3 78.3	78.3 78.3	78.3 78.3	78.3 78.3	78.3	78.3	73.3	7€.3	78.3 78.3	78.3 78.3	78.3 73.3	78.3 78.3	78.3 78.3	78.3 78.3
≥ 6000 ± 5000 ≥ 4500	89.1	85.2 85.2	80.2 89.1	80.2 89.1	80.2 59.1	80.2 89.1	89.1	89.1	80.2 89.1	80.2 89.1	80 • 2 89 • 1	87.2 89.1	87.2 89.1	80.2 89.1	80•2 89•1	80.2 39.1
≥ 4000 ≥ 3500	98.4 99.0	98.6 99.2 99.3	98.6 99.2 99.3		98.5 99.2	98.6 99.2	99.2	39.2	99.2	99.2	98•6 99•2	98.6 99.2	98.5 99.2	98.5 99.2	98.6 99.2	98.6 99.2
≥ 3000	99.E 99.2	99.3		99.3			99.3	99.3	99.3	99.3	99.3 99.3	99.3	99.3 99.3	99.3	99.3	99.3 99.3
≥ 2000	99.4 79.6	99.8	99.3	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99•6 99•8 100•7	99•6 99•8	99.6 99.8	99.6 99.8	99.6 99.8	99.8
≥ 1500	99.6 59.6	99.9	100.5	100.0	100.0	100.0	100.0	200.0	160.0	100.0	100.0	100.3	0.00	co.c		00.0
≥ 1000	99.6	99.9	100.0	103.0	:00.0	100.0	100.0	100.0	100.0	100.0	100.0	00.0	:00.5	.00.0	00.0	00.5
≥ 800 ≥ 700	99.6	99.9	136.6	100.0	100.0	100.0	130.0	100.0	100.0	100.0	100.5	100.0	100.0	រព្ធភព	100.0	0.00
≥ 600	59.6	99.9	ខេត្ត ខ	:00.3	0.00	160.J	100.0	100.0	100 C	100.0	100.0 100.6	100.0	100.0	100.0	00.0	00.0
≥ 400	99.6 59.6	99.9	100.0	103.0	100.0	Inc. 0	100.0	100.0	100.0	100.0	100.3 100.0	00.0	100.0	.00.0	100.0	00.0
≥ 200	99.6 99.6	99.9	105.3	100.0	<u> 160.0</u>	100.0	100.0	100.0	100.0	100.0	160.3 100.0	100.0	00.0	.00.0	.00.0	kao.s]
≥ 0	99.6	99.9	100.0	130.0	100.0	100.0	130.0	190.9	100.0	100.0	100.0	190.0	0.00	00.0	00.0	00.3

CTAL NUMBER OF OBSERVATIONS

USAF ETAC 104 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLET

C

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CEILING VERSUS VISIBILITY |

H. NOLULU TAP HI

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	BILITY (ST.	ATUTE MIL	E5)						
(FEET)	≥10	≥6	≥5	≥4	≥3	≥21⁄2	≥ 2	2.72	≥114	≥1	≥ ¾	≥%	≥ ⅓	≥5/16	≥ ¼	≥0
NO CEILING ≥ 20000	57.9	57.9 72.3		57.9 72.3			58 • D 72 • 4	58.0 72.4	58.0 72.4	58.3 72.4	58.0 72.4	58.0 72.4	58.0 72.4	58.J 72.4	58.7 72.4	58.0 72.4
≥ 18000 ≥ 15000	72.3	72.3 72.4				72.3 72.4	72.4 72.5	72.4	72.4 72.6	72.4	72.4	72.4 72.6	72.4	72.4 72.5	72.4 72.6	72.4 72.6
≥ 14000 ≥ 12000	72.9 73.3	72.9 73.3	,	72.9 73.3	72.9 73.3	72.9 73.3	73.9 73.4	73.0 73.4	73.9 73.4	73.0 73.4	73.0 73.4	73.0 73.4	73.0 73.4	73.0 73.4	73.0 73.4	73.9
≥ 10000 ≥ 9000	73.9	73.9	73.9 74.9	73.9 74.9	73.9		74.5 75.0	74.0 75.0	74.0 75.6	74.0 75.0	74.r 75.0	74.0 75.0	74.0 75.0	74.0	74.0 75.0	74.0 75.0
≥ 8000 ≥ 7000	75.1 75.1	75.1 75.1	75 · 1	75.1 75.1	75.1 75.1	75•1 75•1	75.2 75.2	75.2 75.2	75.2 75.2	75•2 75•2	75.2 75.2	75.2 75.2	75.2 75.2	75.2 75.2	75.2 75.2	75•2 75•2
≥ 60.00 ≥ 5000	75.8 87.7	75.8 87.7	75.8 87.7	75.8 87.7	75.8 87.8	75•8 87•8	75.9 87.9	75.9 87.9	75.9 87.9	75.9 87.9	75.9 87.9	75.9 87.9	75.9 87.9	75.9 87.9	75.9 87.9	75.9 87.9
≥ 4500 ≥ 4000	96.5 96.9	96.6 96.8		96.6 96.8			96.8 97.0		96.8 97.0	96.8 97.13	1	96.8 97.0	96.8 97.0			96.8 97.0
≥ 3500 ≥ 3000	96.8 97.2	96.8 97.3	96.6 97.3				97.5		97.5 97.6		97.3 97.5		97.0 97.6			97.3 97.6
≥ 2500 ≥ 2000	99.0 99.4	99.1 99.5			99•2 99•9	99.9		יייני	100.0	100.0	100.0	105.0	150.0	00.5	ing a	
≥ 18°0 ≥ 1500	59.4	99.8 99.8	99.8	99.8		99.9	100.0	100.0	100.0	i Buan	100.1	120.0	170.0	ادموما	LOG D	انمدر
≥ 1200 ≥ 1000	29.4 39.4	99.8 99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	no a	100.0	Ou. C
≥ 900 ≥ 800	99.4	97.8 99.8	99.2	99.8	99.9	79.9	1 (0.0		100.0	100.0	105.0	100.0	100.0	100.0	100.0	100.0
≥ 700 ≥ 600	99.4	99.9	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	ion.o	100.0	150.0	100.0		
≥ 500 400	59.4 99.4	99.8	99.8	99.8	99.9	99.9	100.0	190.0 190.0	100.0	100.0	100.0	100.0	100.0	المعالية	.00.n	.30 n
≥ 200	99.4	99.8	99.8	99.8	99.9	99.9	100.0	100.0 100.0	100.0	130.0	100.3	100.1	130.0	الدوال	100.0	00.0
≥ 100 ≥ 0	59.4 59.4			1	99.9	99.9 99.9	100.0 100.0	100.0	100.0 100.0	100.0	100.0 100.1	100.0	100.0	100.0	100.0 100.0	100.0

TOTAL NUMBER OF OBSERVATIONS.

CEILING VERSUS VISIBILITY

ZESZI HONOLULU IAP HI

73-79

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

15 7-1701

CEILING			-				VIS	IBILITY (ST	ATUTE MIL	ES)	_					
(FEET)	≥10	≥6	≥5	≥4	57	≥2%	≥2	≥1%	≥1%	21	≥ ¾	≥%	≥′5	≥5/16	2 -	≥0
NO CEILING ≥ 20000	58 • 6 71 • 4	55.6 71.4	58.5 71.4	58.6 71.4	53.6 7.4	58.6 71.4		58.6 71.4	58.5 71.4	58.6 71.4	58.5 71.4	58.6 71.4	58.6 71.4	58.6 71.4	58.6 71.4	58.6 71.4
≥ 18000 ≥ 16000	71.8	71.8 72.0	71.8	71.8 72.2	71.8 72.2	71.8	71.8 72.2	71.8	71.8 72.2	71.8 72.2	71.8	71.8	71.8 72.2	71.8	71.8 72.2	71.08
≥ 14000 ≥ 12000	73.1 74.3	73.2 74.4	73.2 74.4	73•2 74•4	73.2 74.4	73.2 74.4	73.2 74.4	73.2 74.4	73.2 74.4	73.2 74.4	73.2 74.4	73.2	73.2 74.4	73.2 74.4	73 • 2 74 • 4	73.2
≥ 10000 ≥ 9000	75.6 76.4	75.7 76.6	75.7 76.5	75.7 76.6	75.7 76.6	75.7 76.6	75.7 76.6	75.7 76.6		75.7 76.5	75.7 76.5	75.7 75.6	75.7 76.6	75.7 76.6	75.7 76.6	75.7 76.5
≥ 8000 ≥ 7000	75.7 76.7	76.8 76.8	76.8 76.8	76•8 76•8	76.8 76.8	76.3 75.8	76.8 76.8	76.8 76.8	76.8	76.8 76.8	76.8 76.8	76.8 75.8	75.8 75.8	76.8 76.8	76.8 76.8	76.8 76.8
≥ 6000 ≥ 5000	77.3 83.6	77.4 88.7	77.4 88.7	77.4 88.1	77.4 88.7	77.4 88.7	77.4 88.8	77•4 88•8	77.4 88.8	77.4 88.8	77.4 88.8	77.4 88.8	77.4 88.8	77.4 88.8	77.4 88.8	77.4
≥ 4500 ≥ 4000	97.2 98.3	97.3	97.3 98.2	92.3 98.2	97.3 98.2	97.3 98.2	97.4 98.3	97.4 98.3	97.4 98.3	57.4 98.3	97.4 43.3	97•4 98•3	97.4 98.3	97.4 98.3	97.4. 98.3	97.4
≥ 3500 ≥ 3000	28.2 93.2	98.4 98.4	98.4 28.4	98.4 98.4	98.4 98.4	95.4	98.6 98.6	98.6 98.6		98•6 98•6	90.5 98.6	98.6 98.6	98.6 98.6	98.6 98.6	98.6 98.5	98.6 98.6
≥ 2500 ≥ 2000	99.1 99.6	99•3 99•8			99.3 99.9	99.3		99.4		99.4 100.0	99.4 100.1	99.4 100.0	99.4	99.4	99.4 200.0	1
≥ 1800 ≥ 1500	99.5 93.6										186.9 183.3					1 :
≥ 1200 ≥ 1000	99.5		1	99.9							100.0					
≥ 900 ≥ 800	99.6			1							t00.0 1∂3.0		1			
≥ 700 ≥ 600	59.6										100.5					1 1
≥ 500 ≥ 400	99.6										100.0		130.0		100.0	£ 1
≥ 300 ≥ 200	\$9.6 \$9.6										100.0					100.0
≥ 100 ≥ 0	5.6	1		1		1		100.0 100.0			100.0			100.0		80.0 80.0

TOTAL NUMBER OF OBSERVATIONS 900

CEILING VERSUS VISIBILITY

HONOLULU TAP H

73-79

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1855-5600

CEILING							VIS	IBILITY (ST	ATUTE MIL	ES)				· — _ ·	·	
(FEET)	≥10	≥6	≥5	≥4	≥3	≥2%	≥2	≥1%	≥14	≥1	≥%	≥%	≥ 1⁄3	≥ 5/16	≥ ¼	≥0
NO CEILING ≥ 20000	64 • 7	64.9 75.7	64.9 75.7	64.9 75.7	64.9 75.7	64.9 75.7	64 • 9 75 • 8	64.9 75.8	64.9 75.8	64.9 75.8	64.9 75.8	64.9 75.8	64.9 75.8	64.9 75.8	64.9 75.8	64.9 75.8
≥ 18000 ≥ 16000	75.8 76.2	75.8 75.2	75.8 76.2	75.8 76.2	75.8 76.2	75.8 76.2		75.9 76.3	75.9 76.3	75.9 76.3	75.9 76.3	75.9 76.3	75.9 76.3	75.9 76.3	75.9 76.3	75.9 76.3
≥ 14000 ≥ 12000	76.8 77.9	76.8 77.9	76.9 77.9	75.8 77.9	76.8 77.9	76.8 77.9		76.9 78.0	76.9 78.0	76.9 78.5	76.9 78.5	76.9 78.5	76.9 78.4	76.9 78.4	76.9 78.0	76.9
≥ 10000 ≥ 9000	78•8 79•6	78.8 79.5	78.8 79.6		76.8 79.6	79.6	1	78•9 79•7	78.9 79.7	78.9 79.7	78.9 79.7	78.9 79.7	78.9 79.7	78.9 79.7	78.9 79.7	78.9 79.7
≥ 8000 ≥ 7000	79.7 79.7	79.7 79.7	79.7 79.7	79•7	79 .7	79.7 79.7	79.8 79.8	79.8 79.8		79.8 79.8	79.8 79.8	79.8 79.8	79.8 79.8	79.8 79.8	79.8	79.8 79.8
≥ 6000 ≥ 5000	85.4	80.2 86.4	84.2 86.4	83.2 86.4	80.2 85.4	80.2 86.4			86.6	86.6	80•3 86•6	80.3 86.6	80.3 86.6	80.3 86.5	1	80.3 36.5
≥ 4500 ≥ 4000	96.2	96.2 97.2	96.2 97.2		96•2 97•2					96•3 97•3					97.3	96 • 3 97 • 3
≥ 3500	97.7 97.7	97.7 97.8	97.7 97.8	97.7 97.8			97.9		97.9	97.9	97.8 97.9	97.9	97.9	97.8 97.9	97.9	97•8 97•9
≥ 2500 ≥ 2000 ≥ 1800	99.2 99.8	99.3 59.9	99.3 99.9	99.9	99.9	99.9	100.0	10000	1/10 or			100.2	100.0		ា ១	
≥ 1500	9.8 59.8	99.9 99.9	99.9 99.9	99.9	99.9	29.2	100.0 150.0	100.0	100.0	130.0	160.0	02.5	1.0.0	لدمثالنا	ton.a	100.0
≥ 1000 ≥ 900	99.8	99.9		99.9		99.9	100.0 100.0	100.0	100.0	100.0	100.3	100.0	ם.כני	រងព.ប	100.0	no.n
≥ 800	59.8 29.8	99.9	99.9	99.9		99.9		100.0	150.9	100.0	100.7	100.0	100.0	100.0	00.0	00.0
≥ 600	59.8	99.9		99.9	99.9	99.9	130.0 130.0 130.0	100.6	100.0	103.0	ניסכי	100.0	180.3	ם. כמו		0.00
≥ 400	9.8	99.9	99.9	99.9	99.9	99.9	100.0	136.0	190.0	100.0		103.3	100.0		າງດ.ຕ	0.00
≥ 200	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	1.00 . C	100.0	100.0	100.0	102.0		100.0	00.0
≥ 0	99.8	99.9	99.9				100.0									

TOTAL NUMBER OF OBSERVATIONS 9

CEILING VERSUS VISIBILITY

22521

HONOLULU IAP HI

70-79

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2160-2370

CEILING							VIS	BILITY (ST	ATUTE MIL	ES)						
(FEET)	≥10	≥6	≥5	≥4	≥3	≥2%	≥ 2	≥1%	214	≥1	≥ ¾	≥%	≥5	≥5/16	Ä	≥0
NO CEILING ≥ 20000	71.9 78.3			1	71.9 73.3	71.9 78.3		71.9 78.3	71.9 78.3	71.9 78.3	71.9 78.3	71.9 78.3	71.9 78.3	71.9 78.3		71.9 78.3
≥ 18000 ≥ 16000	78.4 78.7			78•4 78•7	78.4 78.7	78•4 78•7		78.4 78.7	78.4 78.7	78•4 78•7	78.4 78.7	78.4 78.7	78.4 78.7	78 • 4 78 • 7		78•4 78•7
≥ 14000 ≥ 12000	79.3 30.1	79.3 83.1	79.3 80.1	79.3 80.1	79.3 8'.1	79.3 83.1	79.3 80.1	79.3 83.1	79.3 87.1	79.3 80.1	79.3 8J.1	79.3 80.1	79.3 87.1	79.3 80.1	79.3 80.1	79.3 8ũ.1
≥ 10000 ≥ 9000	80.5 80.9				83.6 83.9	80.9	80.0 80.9	95.6 83.9	80.6 80.9	86.6 86.9	80.6 80.9	8J.6 8J.9	87.6 80.9	80.6 80.9	80.5 80.9	60.6 84.9
≥ 8000 ≥ 7000	81.0 81.	81.0 81.0		0.18 U.18	81.0 81.7	81.0 81.0			81.0 81.0	81.J	81.0 81.0	81.0	81.0 81.7	81.3 81.	81.5 81.5	81.J
≥ 6000 ≥ 5000	81.1 85.3	81.1 85.3	81.1 85.3	81.1 85.3	81.1 85.3	81.1 85.3	81.1 85.3	81.1 85.3	81 e 1 85 e 3	81.1 85.3	81.1	81.1	81.1	81 • 1 85 • 3	81.1	81.1
≥ 4500 ≥ 4000	95.9 97.6		1			95.9 97.6	95.9 97.6	95.9 97.6	95.9 97.6	95.9 97.5	95.9 97.6	95.9 97.6	95.9	95.9	95.9 97.6	95.9
≥ 3500 ≥ 3000	97.7 97.7	97•7 97•7		97•7 97•7	97 .7	97•7 97•7	97.7 97.7	97.7 97.7	97.7 97.7	97.7 97.7	97.7	97.7 97.7	97.7	97•7 97•7	97.7 97.7	97.7
≥ 2500 ≥ 2000	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 1800 ≥ 1500	99.9	100.0	103.2	100.0	100.0	100.0	100.0				100.0		100.0	r	.00.0	00.0
≥ 1200 ≥ 1000	99.9		1	100.0		1	100.0	100.0			1		160.0 160.0			0.00
≥ 900 ≥ 800	99.9	.00.0	1	100.0			100.0		100.0	100.0	100.3	100.0		100.0	190.0	
≥ 700 ≥ 600	99.9			100.0		193.0		130.0	100.5	100.0	100.0	100.0			.00.0.	00.0
≥ 500 ≥ 400			199.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0		190.9
≥ 300 ≥ 200	99.9	100.0	100.0	100.0 100.0	10C.0	170.0	130.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	00.5	100.0
≥ 100 ≥ 0	79.9	_00.C	100.0	100.0 100.0	100.0	100.0	100.3	100.0	100.0	103.0	100.0			:00.0		100.1

TOTAL NUMBER OF OBSERVATIONS 900

CEILING VERSUS VISIBILITY

22521

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C

HUNOLULU TAP HI

13-79

SED

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOURS ILST

CEILING							ViS	BILITY (ST	ATUTE MIL	ES)						
(FEET)	≥10	≥6	≥5	≥4	≥3	≥2%	≥2	≥1½	≥1¼	≥1	≥ ¾	≥ ¾	≥ ⅓	≥5/16	≥ ⅓	≥0
NO CEILING ≥ 20000	66.5 75.8		66.5 75.8		65.5 75.8	66.5 75.8		66.5 75.9	66.5 75.9	56.5 75.9	66.5 75.9	66.5 75.9	66.5 75.9	66.5 75.9	66.5 75.9	56.5 75.9
≥ 18000 ≥ 16000	75.9 75.0		75.9 75.1	75.9 76.1	75.9 76.1	75.9 76.1	76 • 0 76 • 1	76.i	76.1	76.5 75.1	76.9 76.1	76 • 0 76 • 1	76.0 76.1	76.3 76.1	76.0 76.1	76.ŭ 76.1
≥ 14000 ≥ 12000	76.5 7 7. 2	76.6 77.3	76.6 77.2	76.6 77.3	76.6 77.3	76.6 77.3		76.6 77.3	76.6 77.3	76.6 77.3	76.5 77.3	76.6 77.3	76.6 77.3	76.5 77.3	76.5 77.3	76.6 77.3
≥ 10000	78•1 78•6		78.1 78.5	78 • 1 78 • 6		78.1 78.6	78•2 78•7	78.7	78.2 78.7	78.2 78.7	78.7	78•2 78•7	78.2 78.7	78•2 78•7	78.2 78.7	78•2 78•7
≥ 8000 ≥ 7000	78.7 78.7	78.S		78.8	78.8	78.8 78.8	78.8	78.8	78•8 78•8	78.8	78.8 78.8	78.8 78.8	78.8 78.8	78 • 8 78 • 8	78.8 78.8	78.8
≥ 6000 ≥ 5000	79.4 86.9	37.5	87.0	79.4 87.6	87.0	79.4 87.0	87.1	87.1	79.5 87.1	87.1	79.5 87.1	79.5 87.1	79.5 87.1	79.5 87.1	79.5 87.1	87.1
≥ 4500 ≥ 4000	96.8 97.9	98.[98.7	98.0	98.0	96.9 98.0	96.9 98.1	98.1	96.9 98.1	98.1	96.9 98.1	96.9 98.1	96.9 98.1	96.9 98.1	96.9 98.1	98.1
≥ 3500	98.1	98.2 98.3	98•2 98•3	98•2 98•3	98.3	98 • 2 98 • 3	98.3 98.4	98.4	98.4	98.3 98.4	98.3 98.4	98.3 98.4	98.3 98.4	98.3 98.4	98.3 98.4	98•3 98•4
≥ 2500 ≥ 2000 ≥ 1800	99.5		99.3 99.8	99.8		99.3 99.8	99.9	99.4	99.4 99.9	99.4 99.9	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1500 ≥ 1500	99.6 99.6	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	10.0	120.3	100.0	00.0
≥ 1000	99.6 99.6	99.9		99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	193.9	100.0	100.0	00.0
≥ 800 ≥ 700	99.6 99.6	99.9	99.9	99.9	99.9	99.9	100.C	160.9 160.0	100.0	100.0	100.0	100.0	100.0	co.a	00.0	00.0
≥ 500	99.6 99.6	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	07.0	00.0	100.0	00.0
≥ 400	99.6	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	00.0	30.0
≥ 200	79.6	99.9	99.9	99.9	99.9	99.9	100.0	100.0 100.0	100.0	100.0	100.0	100.0	122.0	20.2	00.0	00.0
≥ 0	99.6							100.0								00.0

TAL NUMBER OF ORGENVATIONS 719

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200

CEILING							VIS	IBILITY (ST.	ATUTE MIL	ES)						
(FEET)	≥10	≥6	≥5	≥4	≥ 3	≥2%	≥2	≥1½	≥14	≥1	≥ ¾	≥ ¼	≥ %	≥ 5/16	≥ ¼	≥0
NO CEILING ≥ 20000	62.5 71.8	62.6 71.9	62.5 71.9	62.6 71.9	62.6 71.9	62.6 71.9	62.6 71.9	62.6 71.9	62.6 71.9	62.6 71.9	62.6 71.9	62.6 71.9	62.6 71.9	62.6 71.9	62.6 71.9	62.6 71.9
≥ 18000 ≥ 16000	71.8 72.0	71.9	71.9 72.2	72.2	71.9 72.2	71.9 72.2	71.9 72.2	71.9 72.2	71.9 72.2	71.9 72.2	71.9 72.2	71.9 72.2	71.9 72.2	71.9 72.2	71.9 72.2	71.9 72.2
≥ 14000 ≥ 12000	73.7 75.9	73.8 76.0	73.8 75.5	73.8 76.r	73.8	73.8 76.û			73.8 76.0		73.8 76.0	73.8 76.3	73.8 76.0	73.8 76.0	73.8 76.7	
≥ 10000 ≥ 9000 ≥ 8000	76.7 77.3	76.8 77.4	76.8 77.4	76.8 77.4	76.8 77.4	75.8 77.4	76.8 77.4	76.8 77.4	76.8	76.8 77.4						
≥ 7000	77.7 77.7	77.8 77.8 78.2	77.8 77.8 78.2	77 • 8 77 • 8 78 • 2	77.8 77.8 78.2	77.8 77.8 78.2	77.8 77.3 78.2	77.8 77.3 78.2	77.8 77.8 78.2	77.8 77.8 78.2	77.8 77.8 78.2	77.8 77.8 78.2	77.8 77.8 78.2	77.8 77.8 78.2	77.8 77.8 78.2	77.8 77.8 78.2
≥ 5000 ≥ 4500	84.9 94.5	85.1 94.6	85 · 1 94 · 5	85.1 94.6	85.1 94.6	85.1 94.6	85.1	35.1 94.7	35 · 1 94 · 7	85.2 94.8	85.2 94.8	85.2 94.8	78 • 2 85 • 2 94 • 8	85.2 94.8	85.2 94.8	85.2 94.8
≥ 4000 ≥ 3500	96.2 >7.1	96.3 97.2	96.3 97.2	96.3 97.2	96.3 97.2	96.3 97.2	96 5 97 3	96 5 97 3	96.5 97.3	96.6 97.4	96.6	96.6 97.4	96.6 97.4	96.5 97.4	95.6	
≥ 3000 ≥ 2500	97.1 97.8	97.2 98.0	97.2 98.1	97.2 98.1	97.2 98.1	97.2 98.1	97.3 98.2	97.3 98.2	97.3 98.2	97.4 98.3	97.4 98.3	97.4 98.3	97.4	97.4 98.3	97.4	97.4 98.3
≥ 2000 ≥ 1800 ≥ 1500	98.8	99.1 99.6	99.2 99.7	99•2 99•7	99.2 99.7	99•2 99•7	99.4 99.8	99.4 99.8	99.4 99.8	99.5 99.9	99.5 99.9	99.5 99.9	99.5 99.9	99.5	99.5 99.9	
≥ 1200 ≥ 1000	99.2 99.2	99.7	99.8	99.8	99.8	99•8 99•8	99.9	99.9	99.9	100.0	100.0	100.0		200.0	.00.0	100.0
≥ 900 ≥ 800	99.2 99.2	99.7	99.8 99.8	99.8	99.8 99.8	99.8 99.8	99.9	99.9	99.9		100.0	100.0	100.0	.00.ú		30.9
≥ 700 ≥ 600	99.2 99.2	99.7	99.8	99.8	99.8 99.8	99•8 99•8	99.9	99.9	99.9	100.0	100.0	100.0		100.0	100.0	
≥ 500 ≥ 400	99•2 99•2	99.7 99.7	99.8 99.8	99.8	99•8 99•8	99•8 99•8	99.9	99.9 99.9	99.9	100.0	100.C	100.0		100.0	0.00	
≥ 300 ≥ 200	99.2 99.2	99.7 99.7	99.8 99.8		99•8 99•8	99•8 99•8	99.9				100.0 100.0			:00.0		.ac.a
≥ 100 ≥ 0	,9.2 99.2	99.7 99.7	99.8	99.8 99.8	99.8 99.8	99.8 99.8					100.0 100.0		100.0 100.0	100.0 100.0		0.00

TOTAL NUMBER OF OBSERVATIONS 930

CEILING VERSUS VISIBILITY

22521

HONOLULU IAP HI

75-79

OCI

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

11300-0500

CEILING							VIS	IBILITY (ST	ATUTE MIL	ES)						
(FEET)	≥10	≥6	≥5	≥4	≥3	≥2%	≥2	≥1½	≥114	≥1	≥ ¾	≥%	≥ 1/2	≥5/16	≥ 1/4	≥0
NO CEILING ≥ 20000	54.3 71.3	64.3 71.3	64.3 71.3	64.3 71.3	64.3 71.3	64.3 71.3	64.3 71.3	64.3 71.3	64.3	64.3	64.3	54.3	64.3	64.3	64.3	64.3
≥ 18000 ≥ 16000	71.5 71.6	71.5 71.6	71.5 71.6	71.5 71.6	71.5 71.6	71.5 71.6	71.5 71.6	71.5 71.6	71.5 71.6	71.5 71.6	71.5 71.6	71.5	71.5	71.5 71.6	71.5 71.6	71.5
≥ 14000 ≥ 12000	72.6 75.2	72.6 75.2	75.2	72.6 75.2	72.6 75.2	72.6 75.2	72.5 75.2	72.5 75.2	72.6 75.2	72.6 75.2	72.6 75.2	72.6	72.6	72.6	72.6	72.6 75.2
≥ 10000	75.9	75.9 76.3	76.3	75.9 76.3	75.9 76.3	75.9 76.3	75.9 76.3	75.9 76.3	75•9 76•3	76.1 76.6	76 • 1 75 • 6	76.1 75.6	76.1 76.6	76.2 76.6	76.1 76.5	76.1 76.6
≥ 8000 ≥ 7000	76.9 76.9	76.9 76.9	76.9	76•9 75•9	76.9 75.9	76.9 76.9	76.9 76.9	76.9 76.9	76.9 76.9	77.1 77.1	77.1 77.1	77.1 77.1	77.1	77.1	77.1	77.1
≥ 6000 ≥ 5000	77.7 34.4	77.7 84.4	77.7 84.4	77.7 84.4	77.7 84.4	77.7 84.4	77•7 84•4	77•7 84•4	77.7 84.4	78.0 84.6	78.0 84.6	75.0 84.6	78.0 84.6	78.0 84.5	78.9	78.0 84.6
≥ 4500 ≥ 4000 ≥ 3500	94.2 96.7	94.2 95.7	94.2	94•2 96•7	94•2 96•7	94.2 96.7	94•3 96•8	94.3 96.8		94.5 97.3	94.5 97.	94.5	94.5 97.0	94.5 97.0		94.5 97.0
≥ 3000	97.1	97.1 97.1	97.1	97.1	97.1	97.1	97 • 1 97 • 2	97.1 97.2	97.1 97.2	97.3 97.4	97.3 97.4	97.3 97.4	97.3 97.4	97.3 97.4	97.3 97.4	97.3
≥ 2000	98.3 98.9	98•3 98•9	98.3 98.9	98.3 98.9	98.3 98.9	98•3 98•9	98.4 99.0	98.4	98 • 4 99 • 7	98.6 99.2	98.5 99.2	98.6 99.2	98.6 99.2	98.6 99.2	98.6 99.2	98.6
≥ 1500 ≥ 1500	99.0 99.1	99.2 99.6	99.2	99.6	99•2 99•6	99•2 99•6	,	99•4 99•7	99 • 4 99 • 7			99.6		99.6 99.9	99•6 99•9	99.6
≥ 1000	99.1	99.7 99.7	99.7	99.7	99.7 99.7	99.7	99.8	99.8 99.8	99.8	المعاث	30.00	Ou ob	00.00	ان و و و	.00.0k	Duch
≥ 800	99.1	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.81	70.01 20.01	00.00	10.00.01 13.01	10.00 10.00	20.00	00.0	0.00.0
≥ 600	99.1	99.7	99.7	99.7	99.7 99.7	99.7	99.8	99.8 99.8	20 8 1	البوتاك	no ch	نادمتند	10.00.	00.00 00.00	.00.01	0.00. 0.60
≥ 400	99.1 99.1	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.81	.00.00 .00.00	.co.al:	no.ak	نان دي	00.06	00.0	00.0
≥ 100	99.1	99.7 99.7	99.7	99.7	99.7	99.7		99.8	99.81	00.01	10.	00 ch	00.01	13.31	.oo. ok	30.3
≥ 00	99.1	09.7	99.7 99.7	99.7	99.7	99.7 99.7	99•8 99•8	99.8 99.8	99.81	.00.0և	.00.ch	.00.01	00.01 10.01	00.04	uo.et	00.0

TOTAL NUMBER OF OBSERVATIONS 935

USAF ETAC FORM UL 64 0-14-5 (OL A) MEVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

3522 2522

CEILING VERSUS VISIBILITY

22524

HONOLULU IAP HI

74-79

OCT

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0607-7800

CEILING							VIS	BILITY (ST.	ATUTE MIL	ES)						
(FEET)	≥10	≥6	≥5	≥4	≥3	≥2⅓	≥ 2	21%	≥1%	≥1	≥%	≥ 1/8	≥%	≥5/16	≥ ¼	≥0
NO CEILING ≥ 20000	6 ·• 3 72•3	60∙0 72•3		60.0 72.3	69.0 72.3	60.0 72.3	60.0 72.3	60.0 72.3	60.0 72.3	50.0 72.3	60.0 72.3	66.0 72.3	65.00 72.3	60.0 72.3	60.9 72.3	50.0 72.3
≥ 18000	72.4 72.9	72.4 72.9		72.4 72.9	72•4 72•9	72.4 72.9	12.4 72.9	72.4	72.9	72.4 72.9	72•4 72•9	72.4	72.4 72.9	72.4 72.9	72.4 72.9	72.4 72.9
≥ 14000 ≥ 12000	74 • · <u>2</u> 77 • 2	74.0 77.2	74. 77.2	74.i.	74.0 77.2	74.0 77.2	77.2	74.0 77.2	77.2	74.0 77.2	74.5 77.2	74.0 77.2	74.0 77.2	74.0 77.2	74.8 77.2	74.0
≥ 10000 ≥ 9000	7 7. 6	77.5 78.2		77•6 78•2	77.5 78.2	78.2	78.2	77.5 78.2	78.2	77.6 78.2	77.5 78.2	77.6 78.2	77.6 78.2	77.6 78.2	77.6 78.2	77.6 78.2
≥ 8000 ≥ 7000	78.8 78.8	78.8 78.8	78.8	78.8	78.8	78.8 75.8	78.8 78.8	78.8 78.8	78.8	78.8	78.8 78.8		78.8 78.8	78.8 78.8	78.8 78.6	78.8 78.8
≥ 6000 ≥ 5000	79.4	79.4 84.7	84.7	84.7	79.4 84.7	79.4 84.7	84.7	79•4 84•7	79.4 84.7	79.4 84.7	79.4 84.7	79.4 84.7	79.4	79.4 84.7	79.4 84.7	79.4 84.7
≥ 4500 ≥ 4000	97.3	95.4 97.3	97.3	97.3	95.4 97.3	97.3	97.3	95.4 97.3	95.4	95.4 97.3	95.4 97.3	95.4 97.3	95.4	95.4 97.3	95.4 97.3	95.4 97.3
≥ 3500	97.3	97.4 97.4	97.4	97.4	97.4	97.4	97.4 97.4	97.4 97.4	97.4 97.4	97.4	97.4 97.4	97.4 97.4	97.4 97.4	97.4 97.4	97.4 97.4	97.4
≥ 2500 ≥ 2000 ≥ 1800	98 • 2 98 • 8	98.3 99.0	99.1	99.1	99.1	99.1	99.1	98.3 99.1	98.3 99.1	98•3 99•1	98.3	98.3	98.3	98.3	98.3	98.3
≥ 1500	99.0 99.0	99.5 99.7 99.7	99.9	99.9	99.6 99.9	99.9	99.9		99.9		99.5 99.9	99.6 99.9	99.6	99.5 99.9 99.9	99.6 99.9	99.6
≥ 1000	99	99.7	99.9	99.9	99.9	99.9	1	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 800	99.	99.8	100.0	190.0	100.0	100.0	100.0 100.0	100.0	100.0	100.0	100.0	100.0	100.0	00.3	0.00	00.0
≥ 500	99.5	99.8	100.0	170.0	160.0	160.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	00.0	0.00	100.0
≥ 400	99 L	99.8	100.0	100.0	100.0	100.0	100.0	160.8	100.0	100.0	ton.c	130.0	100.0	00.0	100.0	00.0
≥ 200	99.1 99.1	99.8	200.5	100.0	100.0	100.0	100.0	100.0	10C.0	100.0	100.0	រោជ-ព	tup.0	100.0	.00.n	00.0
≥ 0	99.0	99.8					100.0									1 1

TAL NUMBER OF OBSERVATIONS 930

CEILING VERSUS VISIBILITY

22521

HONOLULU IAP HI

3-79

OCT

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1900-1700

CEILING					 		VIS	BILITY (ST	ATUTE MILI	ES)						}
(FEET)	≥10	≥6	≥5	≥ 4	≥3	≥2⅓	≥2	≥1%	≥114	≥1	≥ ¾	≥%	≥ 1⁄3	≥5/16	≥ ¼	≥0
NO CEILING ≥ 20000	57.7 73.	57.7 73.2	57.7 73.2	57.7 73.2	57•7 73•2	57 .7 73 . 2	57•7 73•2	57.7 73.2	57.7 73.2	57.7 73.2	57.7 73.2	57.7 73.2	57.7 73.2	57.7 73.2	57.7 73.2	57.7 73.2
≥ 18000 ≥ 16000	73.2 73.5	73•4 73•8	73.4 73.8	73.4 73.8	73.4 73.8	73.4 73.8	73.4 73.8	73.4 73.8	73.4 73.8	73.4 73.8	73.4 73.8	73.4 73.8	73.4	73.4 73.8	73.4 73.8	73.4 73.8
≥ 14000 ≥ 12000	74.6 77.6	74 • 8 77 • 8	74.8 77.8	74.8 77.8		74.8 77.8			74•8 77•8	74.8 77.8	74.8 77.8	74.8 77.8	74.8 77.8	74.8 77.8	74.8 77.8	74.8 77.8
≥ 10000 ≥ 9000	78 • 8 79 • 1	79.6 79.4	79.3 79.4	79.0 79.4	79 • 0 79 • 4	79.0 79.4	79.0 79.4		79.U	79.5 79.4	79.0 79.4	79.0 79.4	79.5 79.4	79.4	79.1 79.4	79.0 79.4
≥ 8000 ≥ 7000	79.1 79.1	79.4 79.4	79 • 4 79 • 4	79.4		79•4 79•4	79.4 79.4	79•4 79•4		79.4 79.4	79.4 79.4	79.4 79.4	79.4 79.4	79.4 79.4	79.4 79.4	79.4 79.4
≥ 6000 ≥ 5000	79.5 35.3	79.7 85.5	79.7 85.5	79.7 85.5	85.5	79.7 85.5	79.7 85.5		79•7 85•5	79.7 85.5	79.7 85.5		79.7 85.5	79.7 65.5	79.7 85.5	79.7 85.5
≥ 4500 ≥ 4000	94.E	95•2 96•7	95 • 2 96 • 1	95.2 96.0	95•2 96•0	95•2 96•1				95•2 96•0		95•2 96•11	95•2 96•D		95.2 96.0	
≥ 3500 ≥ 3000	95.8 96.0	96.3 96.6	96.3 96.5	96 • 3 96 • 6	96.6	96.3 96.6	96.3 96.6			96.3 96.6	96.6	96.3 96.6	96.3 96.6	96•3 96•6	96.6	96.3 96.6
≥ 2500 ≥ 2000	98 • 1 98 • 8	98.7 99.6	98.7 99.6	98.7 99.6		98•7 99•6			96•7 99•7			98•7 99•7	98•7 99•7	98.7 99.7	98.7 99.7	98.7 99.7
≥ 1800 ≥ 1500	98.9 98.9	99.7	99.7 99.7	99.7 99.7	99•7		100.0			100.0	100.0					
≥ 1200 ≥ 1000	98.9 98.9	99.7	99.7 99.7	99.7	99.7 99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	60.0	roa. o
> 900 ≥ 800 ≥ 700	98•9 58•9	99.7	99.7	99.7 99.7	99.7	ç 9. 9	130.0	100.0	100.0	100.0	100.0 100.0	100.0	100.0	00.0	00.0	no n
≥ 600	98.9	99.7		99.7 99.7	99.7	99.9	130.0	100.0	100.0	100.0	100.0	100.0	iga a	30.6	100.0	00.0
≥ 500 ≥ 400 ≥ 300	98.9 98.9	99.7 99.7	99.7	99.7 99.7	99.7	99.9	100.0	100.3	100.0	100.0	100.0 100.0	100.0	0.00	00.0	00.0	00.0
≥ 200	98.9 98.9	99.7		99.7 99.7 99.7	99.7	99.9	100.0	100.0	iar.a	100.0	100.0 100.0	100.	100.0	170.1	00.0	100.0
2 0	98.9			99.7					100.0			176.0			100.0	L !

TOTAL NUMBER OF ORSERVATIONS 93

CEILING VERSUS VISIBILITY

2252... HO

HONOLULU IAP HI

75-79

OCT

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1257-1400

CEILING				<u>-</u>			vis	IBILITY (ST.	ATUTE MIL	ES)			-			
(FEET)	≥10	≥6	≥5	≥ 4	≥3	≥2½	≥ 2	21%	≥114	≥;	≥¾	≥%	≥%	≥ 5/16	2.4	≥0
NO CEILING ≥ 20000	54.8 71.2	54.8 71.4	54.8 71.5	54.8 71.5	54 • 8 71 • 5	54.8 71.5		54.8 71.5	54.8 71.5	54.8 71.5	54.8 71.5	54.8 71.5	54.8 71.5	54.8 71.5	54.8 71.5	54.8 71.5
≥ 18000 ≥ 16000	71.5 71.7	71.7 71.9	71.8 72.	71.8 72.0	71.8 72.0	71.8 72.0	71.8 72.5	71.8 72.1	71.8 72.5	71.8 72.0	71.8 72.0	71.8 72.5	71.8 72.0	71.8 72.J	71.8 72.0	71.8 72.0
≥ 14000 ≥ 12000	72.5 76.1	72•7 75•3		76.5	72•8 76•5	72.8 76.5		72•8 76•5	72.8 76.5	72.8 76.5	72•8 76•5	72.8 76.5	72.8 76.5	72.8 76. 5	72.8 76.5	72.8 76.5
≥ 10000	77.3 77.5	77.5 77.7	77.5 77.8	77.8	77.8	77.6 77.8	77.8	77.8	77.8	77.5 77.8	77.5 77.8	77.6 77.8	77.5 77.8	77.5 77.8	77.6 77.8	77.8
≥ 8000 ≥ 7000	77.6	77.8	78.0 78.0	79.3	78.0 78.0		78.1		78∙3 78•3	78.0 78.0	78.0 78.	78.9 78	78.0 78.0	78.3 78.1	78.0 78.3	78.C 78.3
≥ 6000 ≥ 5000	78.3 85.4	78.5 95.7	85.8	78.6 85.8	78.6 85.8	78.6 85.8	85.8	78 • 6 85 • 8	78.6 85.8	78.6 85.8	78 • 6 85 • 8	78•6 85•8	78.5 85.8	78.5 85.3	78.6 85.8	78.6 85.8
≥ 4500 ≥ 4000	92.7 93.7	93.7	93.1 94.3	93•1 94•3	93.1 94.3	93•1 94•3	93.3	93.3 94.5	93.3 94.5	93•3 94•5	93.3 94.5	93.3 94.5	93.3 94.5	93.3 94.5	93.3 94.5	93.3
≥ 3500	94.2	94.5 94.8	94.9	95.1	94.6 95.1	94.5 95.1	94.8 95.3	94.8 95.3	94.8 95.3	94.8 95.3	94.8 95.3	94.8 95.3	94.8 95.3	94.8 95.3	94•8 95•3	94.8
≥ 2500 ≥ 2000	97.1 97.4	97.8 98.5	98.3	98 • 1 98 • 9	98 • 1 98 • 9	98•1 98•9	98 .3 99 . 2	98•3 99•2	98.3 99.2	98.3 99.2	96•3 99•2	98.3 99.2	98•3 99•2	98.3 99.2	98•3 99•2	98.3
≥ 1800 ≥ 1500	97.4	98.5 98.6	98.8 98.9	98.9	98.9 99.0	98.9 99.0		99•2 99•4	99•2 99•4	99•2 99•4	99.2 99.4	99.2 99.4	99.2	99.4	99.2 99.4	99.4
≥ 1200 ≥ 1000 ≥ 900	97.4 97.4	98.5 98.7	98.9	99.0 99.1	99.0	99.0 99.2	99.4 99.5	99•6 99•8	99.6 99.8	99.6 99.8	99.6 99.8	99.5 99.8	_		99.6 99.8	39.8
≥ 800	97.4 97.4		99.1	99.2	99.4	99.4 99.4	99.7		99.9			99.9			99.9	99.9
≥ 600	97.4 97.4	98•8 98•8		99.2 99.2	99.4		99.7		100.0	100.0	100.0	103.7	130.0	10.03	133.7	توبالا
≥ 500 ≥ 400 ≥ 300	97.4	98 • 8 98 • 8	99.1 99.1	99•2 99•2	99.4 99.4	99.4 99.4	99.7	130.0 170.0	ւրդ.ը	100.0	100.5	100.2	100.0	ing	199.0	2.1.5
≥ 200	97.4 97.4	98.8		99.2	99.4		99.7	100.0 100.0	100.0	100.0	lJuoC	ion.il	155.5	២០.5	50.7	12c.n
≥ 100	97.4	98.8		99•2 99•2	99.4	99.4		100.0 100.0							100.0	130.2

TOTAL NUMBER OF OBSERVATIONS

930

USAF ETAC JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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CEILING VERSUS VISIBILITY

22524

HONOLULU IAP HI

79-79

- RCI

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1530-1700

CEILING							VIS	BILITY (ST	ATUTE MIL	ES)						
(FEET)	≥10	≥6	≥5	≥4	≥3	≥2%	≥2	≥1%	≥1¼	≥1	≥ ¾	≥%	≥%	≥ 5/16	≥ ¼	≥0
NO CEILING ≥ 20000	49.1 05.3	49.1 65.5	49.1 65.7	49.1 65.7	49.1 65.7	49•1 65•7	49.1 65.7	49.1 65.7	49 • 1 65 • 7	49.1 65.7	49.1 65.7	49.1 65.7	49.1 65.7	49.1 65.7	49 • 1 65 • 7	49.1 65.7
≥ 18000 ≥ 16000	65.7 66.3	65.9 67.1	66. 67.2	66 • I 67 • 2	66.0 67.2	66.J	56.0 67.2	65.C 67.2	66.0 67.2	67.2	66.3 67.2	55.0 67.2	55•0 67•2	66.3 67.2	56.0 67.2	66.U 67.2
≥ 14000 ≥ 12000	69.2 73.7	69.4 74.0	69.5 74.1	69.5 74.1	69.5 74.1	69.5 74.1	69.5 74.1	69.5 74.1	59.5 74.1	74.1	69.5 74.1	69.5 74.1	69.5 74.1	69.5 74.1	69.5 74.1	59.5 74.1
≥ 10000 ≥ 9000	75.7 76.1	75.9 76.3	76.0 76.4	76∙0 76•4	76.9 76.4	76 • 4	76.5 76.4	75.4	76.0 76.4	76.4	76.8 76.4	76.5 76.4	76.0 75.4	76.5 76.5	75.0 76.4	76.0 76.4
≥ 8000 ≥ 7000	76.5 76.6	76.7 76.9	76.9 77.3	76•9 77•6	76.9 77.0	76.9 77.0	76.9 77.0	76.9 77.0	76.9 77.9	76.9 77.3	76.9 77.7	76.9 77.	76.9 77.1	76.9 77.:	76.9 77.7	76.9 77.3
≥ 6000 ≥ 5000	77.: 83.3	77.2 83.5	77.3 83.6	77.3 83.6	77.3 93.6	77.3 83.6	77.3 83.6	77•3 83•6	77•3 83•6	77•3 83•6	77.3 83.6	77.3 83.6	77•3 83•5	77.3 83.6	77.3 83.6	77.3 83.5
≥ 4500 ≥ 4000	93.8 96.6	94.1 96.4	94.1		94.1 96.6	94.1 96.6	94 • 1 96 • 6	94.1 96.6	94•1 96•6	94.1 96.6	94.1 96.6	94.1 96.6	94 • 1 96 • 6	94.1 96.6	94.1	94.1 96.6
≥ 3500 ≥ 3000	96.1 95.6	96.6 97.0	96.7 97.1	96•7 97•1	96.7	96.7 97.1	96.7 97.1	96.7 97.1	96.7 97.1	96.7 97.1	96.7 97.1	96.7 97.1	96.7 97.1	96.7 97.1	96.7 97.1	96.7 97.1
≥ 2500 ≥ 2000	98.5 98.4	98.4 99.0	98.5 99.1	98•5 99•1	98.5	98.5 99.1	99.1	98.5 99.1	99.1	90.5 99.1	98.5 99.1	98.5	98.5 99.1	98.5 99.1	98.5 99.1	98.5
≥ 1800 ≥ 1500 ≥ 1200	98.6 98.7	99.4			99.4	99.4	99.4	99.4 99.5	99.4		99.4 99.5	99.4	99.4 99.5	99.4 99.5		99.4 99.5
≥ 1000	98.7 98.7	99.5	99.5 99.6	99.6	99.6 99.5	99.7	99.8		99.8	99.8	99.8 99.8		99.8 99.8		99.8	
≥ 800	98.7 98.7	99.5 99.5			99.6 99.6	99.7	99.8	100.0	150.0	100.0	130.0	00.0	100.0	يروون	00.0	100.0
≥ 600	98.7 98.7	99.5	99.6 99.6	99.6	99.6 99.6		99.8	170.0	130 · C	170.0	130.5	100.0	Ludec	0.00	100.0 100.0	na.u
≥ 500 ≥ 400 ≥ 300	98.7 98.7	99.5 99.5	i	99.6	99.6		99.8	100.0	160.6	106.7	100.7	1112.0	100.0	130.0	130.0 130.0	00.0
≥ 200	98.7 98.7	99.5 99.5	99.6	99.6	99.6	99.7	99.8	130.0	130.0	106.0	100.6	را مير 10	100.3	COal	100 - 0	30.5
≥ 100	98.7	99.5			99.6 99.6										100.0 100.0	F I

TOTAL NUMBER OF OBSERVATIONS.....

929

USAF ETAC JOEM 0-14-5 (OL A) PREVIOUS EPITIONS OF THIS FORM ARE OBSOLETE

65.24

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CEILING VERSUS VISIBILITY

22521

HONOLULU IAP HI

73-79

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2001

CEILING (FEET)							VIS	181LITY (ST	ATUTE MIL	ES)						
	≥10	≥6	≥5	≥ 4	≥3	≥2%	≥ 2	≥1%	≥1%	≥1	≥ ¾	≥%	≥ 1/2	≥5/16	≥ 1,4	≥0
NO CEILING ≥ 20000	53.4 69.5	53.4 69.6	53.4 59.5		53.4 69.6	53.4 69.6	53.4 69.6	53.4 69.6	53.4 69.6	53.4	53.4	53.4 69.6	53.4	53.4 69.6	53.4 69.6	53.4
≥ 18000	09.5 73.3	69.6 74.4	69.6 75.4	69.6 76.4	69.5 7".4	69.6 71.4	69.6 73.4	69.6 73.4	59.6 70.4	69.6		69.6 75.4	69.5 70.4	69.6	69.6	
≥ 14000 ≥ 12000	71.6 74.3	71.7 74.1	71.7 74.1	71.7 74.1	71.7 74.1	71.7 74.1	71.7	71.7	71.7 74.1	71.7	71.7	71.7 74.1	71.7	76.4 71.7 74.1	71.7	74.4
≥ 10000 ≥ 9000	76 • 1 76 • 6	76•2 76•7	76.2 76.7	76.2 76.7	76.2 76.7	76.2 76.7	76.2 76.7	76.2 75.7	76.2 76.7	76.2 76.7	76.2 76.7	76.2 75.7	75.2 75.7	76.2	74.1 76.2 76.7	74.1
≥ 8000 ≥ 7000	77.3 77.3	77•4 77•4	77.4 77.4	77•4 77•4	77.4 77.4	77.4 77.4	77.4 77.4	77.4 77.4	77.4	77.4	77.4	77.4	77.4 77.4	77.4 77.4	76.7 77.4 77.4	76.7 77.4 77.4
≥ 6000 ≥ 5000	77.8 84.7	78.0 84.8	78.3 84.8	78.0 84.8	73.0 84.8	78.13 84.8	78.0 84.8	75.0 84.8	78.G	78•1 84•9	78.0	78.0 84.9	78.0	78.U 84.9	78.0	78.0
≥ 4500 ≥ 4000	94.1	94.2 96.3	94.2	94 • 2 96 • 3	94.3 96.5	94•3 96•5	94.3	94.3 96.5	94.3	94.4	94.4	94.4 96.5	94.4	94.4	94.4 96.6	94.4
≥ 3500 ≥ 3000	96.7 96.7	96.9	96.9	96.9	97•0 97•0	97.0 97.0	97.0 97.0	97 • C 97 • S	97.0	97.1	9701	97.1	97.1 97.1	97.1 97.1	97.1	97.1
≥ 250°. ≥ 200°	98.0 98.4	98•2 98•7	98.2 98.7	98 • 2 98 • 7	98•3 98•8	98•3 98•8	98 • 3 98 • 8	98 • 3 98 • 8	98.3 98.8	98.4	98.4	98.4	98.4	98.4	98.4	97.1 98.4 98.9
≥ 18C) ≥ 15CO	98.5 98.6	99.0	99.2	99.4	99.2	99.2 99.6	99.2 99.6	99.2	99.2	99.4	99.4	99.4	99.4	99.4		99.4
≥ 1200 ≥ 1000	98.6 98.6	99.1	99.2	99.4	99.6 99.6	99.6 99.7	99.6 99.7	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7 99.8
≥ 900 ≥ 800	98.6 98.6	99.1	99.2	99.4	99.6 99.5	99.9	99.9	99.9		00.01	00.01	00.0	00.01	00.0	00.00	99.8
≥ 700 ≥ 600	98.6 98.6	99.1 99.1			99.6 99.5	99.9	99.9 99.9	99.9	99.91	00.01	00.01	00.01	G3.0L	00.01	00.01	00.0
≥ 500 ≥ 400	98.6	99.1			99.6	99.9		99.9	99.9i 99.91	.00.DL	.00 • 0L	00.ak	սուու	00.01	00.0k	חת חו
≥ 300 ≥ 200	78.6 98.6	99.1		99.4	99.6		33.3	99.9	99.91 99.91	00.01	00.01	00.ok	00.01	DO.JŁ	00.0L	00.0
≥ 100	58.6 98.6	99.1	- 1		99.6	99.9	99.9	99.9	99.91 99.91	00.0h	00.0L	00.BL	00.DL	oo.at	00.01	00.0

TOTAL NUMBER OF OBSERVATIONS_

<u>930</u>

CEILING VERSUS VISIBILITY

42521

HONOLULU IAP HI

79-79

OCT.

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300

CEILING							VIS	IBILITY (ST	ATUTE MIL	ES)						
(FEET:	≥10	≥6	≥5	≥4	≥3	≥2%	≥2	≥1½	≥1%	≥1	≥ ⅓	≥ %	≥%	≥ 5/16	≥%	≥0
NO CEILING ≥ 20000	57.3 69.4	57.5 69.4	57.7 69.4	57.0 69.4	57.0 69.4	57.0 69.4	57.5 69.5	57.U 69.5	57.0 69.5	57.D 69.5	57.0 69.5	57.3 59.5	57.0 59.5	57.3 69.5	57.0 69.5	
≥ 18000 ≥ 16000	69.4 69.7	59.4 59.7	69.4 69.7	69•4 69•7	69.4 69.7	69.4 69.7	69.5 59.8	69.5 59.8	69.5 69.8	69.5 69.8	69.5 69.8	69.5 69.8	69.5 69.8	69.5 69.8	69.5 69.8	59.5 69.8
≥ 14000 ≥ 12000	71.1 73.4	71.i 73.4	71.1 73.4	71.1 73.4	71.1 73.4	71.1 73.4	71.2 73.5	71.2 73.5	71.2 73.5	71.2 73.5	71.2 73.5	71.2 73.5	71.2 73.5	71.2 73.5	71.2 73.5	71.2 73.5
≥ 10000 ≥ 9000	74 • 3 75 • 3	74.4 75.4	74.4 75.4	74.4 75.4	74.4 75.4	74.4 75.4	74.5 75.5	74.5 75.5	74.5 75.5	74.6 75.6	74.6 75.6	74.6 75.6	74.5 75.5	74.5 75.6	74.6 75.5	74.6 75.6
≥ 8000 ≥ 7000	75.7 75.7	75.8 75.8	75.8 75.8	75•8 75•8	75.8 75.8	75.8 75.8	75.9 75.9	75.9 75.9	75.9 75.9	76.0 76.0		75.0 76.0	76.0 76.0	76.3 76.3	76.0 76.3	76.0 76.0
≥ 6000 ≥ 5000	76.0 81.5	76.1 81.6	76.1 81.5	76.1 81.6	76.1 81.6	76.1 81.6	76•2 81•7	76.2 81.7	76.2 81.7	76.3 81.8	76.3 81.8	76.3 81.8	76.3 81.8	76 • 3 81 • 8	76.3 81.8	76.3 81.8
≥ 4500 ≥ 4000	95.8	92.2 96.9	92•2 96•5	92•2 96•0	92•2 96•0	92.2 96.6	92.3 96.1	92.3	92.3 96.1	92•4 96•2	92.4 96.2	92.4 96.2	92.4 96.2	92•4 96•2	92.4 96.2	92.4 96.2
≥ 3500 ≥ 3000	95.6 95.7	96.8 96.9	96.3 96.9	96.8 96.9	96.8 96.9	96.9	96.9 97.0	96.9 97.0	96∙9 97•ë	97.3 97.1	97.E	97.3 97.1	97.0 97.1	97.1	97.0 97.1	97.3 97.1
≥ 2500 ≥ 2000	97.5 98.5	97.8 98.8	97.8 98.9	97.6 98.9	97.8 99.0	99.0		98.0 99.1	98•0 99•1	98•1 99•2	98.1 99.2	98.1 99.2	98.1 99.2	98•1 99•2	98 • 1 99 • 2	98.1 99.2
≥ 1800 ≥ 1500	98.6 98.7	98.9 99.1	99.5	99•U 99•6	99•1 99•7	99.1 99.7	99•2 99•8	99.2 99.8			99.4 99.9	99•4 99•9	99.4		99•4 99•9	99.4
≥ 1200	98.8	99.2 99.2	99.7 99.7	99.7 99.7	99.8 99.8	99.8	99.9	99.9	99.9	150.0	100.0	100.0		100.0	30.3	00.0
≥ 900 ≥ 800	98.8 98.8	99•2 99•2	99.7	99•7	99.8 99.8	99.8	99.9	99.9	99.9	100.0	160.0	100.3	100.0 100.0	100.0	100.0	
≥ 700 ≥ 600	38.8 98.8	99.2 99.2	99.7 99.7	99.7 99.7	99.8 99.8	99.8 99.8	99.9	99•9 99•9	99.9	170.0		00.0	מינטו		100•0	
≥ 500 ≥ 400	58.8 58.8	99.2 99.2	99.7 99.7	99•7 99•7	99.8	99.3 99.8	99.9	99.9	29.9	126.3		103.4	110.0	100.0	0.00	00.5
≥ 300	78.8 98.8	99.2	99.7 99.7	99.7	99.8 99.8			99.9 99.9	99.9	:00.0		101.7	140.1	100.0		0.5
≥ 100 ≥ 0	98.8 98.8	99.2 99.2	99.7 99.7	99.7	99.8 99.8			99•9 99•2					100.6 160.8			1

TOTAL NUMBER OF OBSERVATIONS....

930

USAF ETAC 101 44 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLE

6525

CEILING VERSUS VISIBILITY

22521 HONOLULU IAP HI

7û-79

<u>QCI</u>

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	BILITY (ST	ATUTE MIL	ES)						
(FEET)	≥10	≥6	≥5	≥ 4	≥3	≥27⁄2	≥ 2	≥'%	≥1%	≥1	≥ 1/4	≥ %	≥ %	≥5.16	≥ %	≥0
NO CEILING ≥ 20000	57.4 79.5	57.4 70.6	57.4 70.6	57.4 70.6	57.4 73.5	57.4 70.6	57.4 70.6	57.4 70.6	57.4 70.6	57.4 73.6	57.4 75.6	57.4 70.6	57.4 70.6		57.4 70.6	57 • 4 73 • 6
≥ 18000 ≥ 16000	7:.6 71.1	70.7 71.2	70.7	70•7 71•2	70.7 71.2	73.7 71.2	70.8 71.2	70.8 71.2	70.8 71.2	70.3 71.2	70.8 71.2	70.8 71.2	73.8 71.2	70.8 71.2	70.8 71.2	
≥ 14000 ≥ 12000	72.4 75.4	72•5 75•5	72.5 75.5	72.5 75.5	72.5 75.5	72.5 75.5	72.6 75.5	72.6 75.5		72.6 75.5	72.6 75.5	72.6 75.5	72.5 75.5	72.5 75.5	72.6 75.5	
≥ 10000	76 • F	76.7 17.2	76.7	75•7 77•2	76.7 77.2	76.7 77.2	76.7 77.2	76.7 77.2	76.7 77.2	76.8 77.3	76.8 77.3	76.8 77.3	76•8 77•3	76•8 77•3	76.8 77.3	76.8 77.3
≥ 8000 ≥ 7000	77.5 77.3	77.5 77.5	77.5 77.5	77.6	77.6	77•5 77•6	77.6 77.6	77•6 77•6	1 1 7 1	77•7 77•7	77.7 77.7	77.7 77.7	77.7 77.7	77.7 77.7	77.7	77.7 77.7
≥ 6000 ≥ 5000	78.0 84.3	78•1 84•4	78 • 1 84 • 4	78 • 1 84 • 4	73.1 84.4	78•1 84•4	78.1 84.5	78.1 84.5		78.2 84.5	78•2 84•5	78 • 2 84 • 5	78.2 84.5	78•2 84•5	73.2 84.5	78.2 84.5
≥ 4500 ≥ 4000	93.9	94.1 96.2	94.1 96.2	94.1 96.2		94.1 96.2	94.2 96.3	94•2 96•3		94.3 96.3	94.3 96.3	94.3 96.3	94.3 95.3	94.3 96.3	94.3 96.3	94.3 96.3
≥ 3500 ≥ 3000	96.3 95.5	96.6 96.7	96.5 96.8	96.6 96.8	96.8	96.6 96.8		96•7 96•9		96.8 96.9	96 • 8 95 • 9	96.8 96.9	96•8 96•9		96.8 96.9	96.8 96.9
≥ 2500 ≥ 2000	97.9 98.5	98.2	98.2 99.1	98 • 2 99 • 1	98.3	98•3 99•1	98.3 99.2	98•3 99•2	99.2	98.4 99.3	98•4 99•3	98.4 99.3	98•4 99•3	98•4 99•3	98.4 99.3	
≥ 1800 ≥ 1500	98.7 98.7	99.4 79.4	99.3 99.5	99.5			99.5		99.7	99.5 99.8	99•5 99•8		99.5 99.8		99•5 99•8	99•5 99•8
≥ 1200	98.7 98.7	99.4	99.5	99.6			99.8	99.8	99.8	99.9	99.9 99.9	99.9	99.9	99•9 99•9	99.9 99.9	99.9 99.9
≥ 900 ≥ 800	98.7 98.7	99.4	99.5 99.5	99.6	99.7		99.9		99.9	170.0		100.0	100.0		00.5	106.0
≥ 700 ≥ 600	98.7 98.7	99.4	99.5	99.6	99.7		99.9	99.9 99.9	99.9	100.0	100.0	.00.3	0.00		00.0	0.00
≥ 500 ≥ 400	98.7 98.7	99•4	99.6	99.6			99.9	99.9	99.9	CO.C.	100.0	100.0	130.9	.00.0	130.0	00.0
≥ 30C ≥ 200	98.7	99.4	99.6 99.6	99.6			99.9	99.9	99.9	100.0	130.5	100.0 100.3	130.0		00.0	20.0
≥ 100 ≥ 0	98.7 98.7	99•4 99•4	99.5 99.5	1	99 .7		99.9	99.9			160.0 160.3			100.0	.00.0 .00.0	

TOTAL NUMBER OF OBSERVATIONS 7435

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	BILITY (ST	ATUTE MILI	ES)						
(FEET)	≥10	≥6	≥5	≥4	≥3	≥2%	≥?	≥1%	≱ان≤	≥1	≥ ¾	>,₁	≥ ⅓	≥5/16	≥ ¼	≥0
NO CEILING ≥ 20000	58.8 55.2	58.8 55.7	58.8 55.2	58.8 65.2	58 • 8 65 • 2	58 • 8 65 • 2	58.9 65.3	58.9 65.3	58.9 65.3	59.0 65.4	59.7 65.4	59•1 65•6	59.1 65.6	59.1 65.6	59 • 1 65 • 6	59.1 65.6
≥ 18000 ≥ 16000	:5.3 :5.4	65.3 65.4	65.3 65.4	65.3 65.4	65.3 65.4	65.3 65.4	65.4 65.6	65.4 65.6	65.4 55.6	65.6 65.7	65.6 65.7	65.7 65.8	65.7 65.8	65.7 65.8	65.7 65.8	65.7 55.8
≥ 14000 ≥ 12000	05∙8 36•7	65.8 66.7	65.8 66.7	65 • 8 65 • 7	65.8 66.7	65.8 55.7	65.9 56.8	65.9 66.8	65.9 66.8	66.9	66.0 66.9	66.1	66.1 67.0	66 • 1 67 • 13	66 • 1 67 • 6	66.1 67.0
≥ 10000	57.6 67.8	67.6 67.8	67.8 67.8	57.6 67.8	67.6 67.8	67.6 57.8		57.7 67.9	67.7 67.9	67.8 68.1	67.8 68.0	67.9 68.1	67.9	67.9 68.1	67.9 68.1	67.9 58.1
≥ 8000 ≥ 7000 ≥ 6000	68.3	68.3	68.1 68.3	68.1 68.3	68.1 68.3	68.3	53.2 68.4	58 • 2 58 • 4	68.2 68.4	68.6	68 • 3 58 • 6	68.4 68.7	68.4 68.7	68•4 68•7	68.4 68.7	68.4 58.7
≥ 5000 ≥ 4500	68.7 73.3 85.8	68.7 73.3 85.9	58.7 73.3 85.9	68.7 73.3 85.9	68.7 73.3 85.9	68.7 73.3		58.8 73.4	68.8 73.4	68.9 73.5	68.9 73.5	69.0 73.7	69.3	69.0 73.7	73.7	7.3.7
≥ 4000	91.6 93.4	91.9 93.9	91.9		93.9 93.9	85.9 91.9 93.9	92.5 94.0	86.0 92.0 94.0	86.0 92.0 94.0	86.1 92.1 34.1	86 • 1 92 • 1	86•2 92•2	86.2 92.2	86.2 92.2	86.2 92.2	22.2
≥ 3000 ≥ 2500	93.8 95.J	94 · Z	94.2	94.2 95.8	94.2 95.8	94.2	94 3 95 9	94.3	94.3 95.9	94.4	94.4 94.4	94.2 94.6 96.1	94.6 94.6	94.6 94.6	94.2 94.6 96.1	94.6
≥ 2000	26.8 97.2	98.1 98.7	98.1 98.7	98.1 98.7	98.2 98.8	28.2 98.8	98.3 98.9	98.3 98.9	98.3 98.9	98.4 99.0	98.4 99.1	98.6 99.1	98.6 99.1	98.6 99.1	98.6 99.1	98.6
≥ 1500	97.8	99.3	99.5	99.4	99.6 99.7	99.6	99.7 99.8	99.7 99.8	99.7 99.8	99.8 99.9	99.8	99.5	99.9	99.9	99.9	99.9
≥ 1000	97.8 97.8		99 99.5	99.6 99.6	99.7	99.7	99.8	99.8 99.8	99.8 99.8	99.9	99.9	100.0	100.0	100.0	00.0	30.0
≥ 800	97.8 97.8	99.3 99.3	99.5 99.5	99.6	99.7 99.7	99.7	99.8	99.8		99.9 99.9	99.9	100.0	م مد	30.3	00.0	0.00
≥ 500	97.8 97.8	99.3		99.6 99.6	99.7 99.7	99.7 99.7	99.8	99.8	99.8	99.9	99.9	100.0	100.0	0.00	100.0	ם. מתו
≥ 400 ≥ 300 ≥ 200	97.8 97.8	99.3 99.3	99.6	99.6 99.6	99.7 99.7	99.7 99.7	99.8 99.8	99.8 99.8	99.8 99.8	99.9		180.0 190.0		0.00	100.0 100.0	00.0
≥ 100	97.8	99.3	99.5 99.6	99.6 99.6	99.7 99.7		99.8 99.8	99•8 99•8	99.8 99.8	99.9	99.9	00.0	10.0	00.0	100.0	00.0
≥ 0	57.D	99.3	99.6	99.6	99.7	99.7	99.8	99.8	99.8	99.9			100.0		100.0	

TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

HONOLULU IAP HI

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70-79

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

17 10-550 a

CEILING			· · · · · · · · · · · · · · · · · · ·				VIS	BILITY (ST	ATUTE MIL	ES)			-			
(FEET)	≥10	≥6	≥ 5	≥ 4	≥3	≥2⅓	≥ 2	≥1⅓	≥114	≥1	≥¾	≥ 3/8	≥ ½	≥5/16	≥ ¼	≥0
NO CEILINC ≥ 20000	56.3 53.1	56.3 63.1	56.3 63.1	56.3 63.1	56.3 63.1	56.3 63.1	56.4 63.2	56.4 63.2	56.4 53.2	56.7 63.4	56.7 63.9	55.7 53.4	56.7 53.4	56.7 63.4	56.7 63.4	56.7 63.4
≥ 18000 ≥ 16000	63.1 63.1	63.1 63.1	63.1 63.1	63.1 63.1	53.1 63.1	53.i. 63.1	63.2 63.2	63.2 63.2	63.2 63.2	63.4	63.4 63.4	63.4 63.4	63.4 63.4	63.4 63.4	63.4 63.4	63.4 63.4
≥ 14000 ≥ 12000	53.2	63.2 64.2	53.2 64.2	53.2 64.2	63.2 64.2	63.2 64.2		63.3 64.3	63.3 64.3	63.6 64.6	63.6 64.6	63.6 64.6	63.5 64.6	63.6 64.6	63.6 64.6	64.6
≥ 10000	65.1 05.1	65.1 65.1	65.1 65.1	65.1 65.1	65.1 65.1	65.1 65.1	65 • 2 65 • 2	55.2 65.2	65.2 65.2	65.4 65.4	65.4 65.4	65 • 4 55 • 4	55.4 55.4	65.4 65.4	65.4 65.4	55.4 55.4
≥ 8000 ≥ 7000 ≥ 6000	65.4 65.6	65.4	55.6	65.4 65.6	65.6		65.6 65.7	65.6 65.7	65.6 65.7	65.8 65.9	65.8 65.9	65.9	65.8 65.9	65.3 65.9	65.9	65.8 55.9
≥ 5000 ≥ 5000	56.2 74.6 58.2	66.2 74.6 88.3	74.5	66.2 74.6 88.3	66.2 74.6 88.3			56.3 74.7 88.4	66.3 74.7 88.4	55.6 74.9 88.7	66.6 74.9 88.7	74.5		66.5 74.9 88.7	66.6 74.9 88.7	56.6 74.9
≥ 4000 ≥ 3500	93.2 94.7	93.6 95.1		93.6 95.1	93.6 95.1			93.7 95.2	93.7 95.2	93.9	93.0	88•7 93•5 95•4	88.7 93.9 95.4	93.9 95.4	93.9	88.7 93.9 95.4
≥ 3000 ≥ 2500	y4.9 96.1	95.3 96.7		95.3 96.7	95.3 96.7	95.3 96.7		95.4 96.8	95.4	95.7	95.7	95.7	95.7	95.7	95.7	95.7 97.0
≥ 2000	57.2 57.3	98 •1 98•3	98.1 98.4	98.1 98.4	98.1 98.4	98.1 98.4	98.2 98.7	98.2 98.7	98.2 98.7	98.4 98.9	98.4	98.4		98.4 98.9	98.4 98.9	98.4 98.9
≥ 1500 ≥ 1200 ≥ 1000	97.8 97.8	99.0 99.1			99 .2 99.3	99.2 99.3	99.6	99.4 99.6	99.4 99.6	99.8 99.9			99.8 99.9		99.8 99.9	
≥ 900 ≥ 800	97.9	99.2	90.3		99.4 99.4	99.4	99.7 99.7	99.7	99.7	100.0	160.0	100.0	1000	100.0	100.0	100.0
≥ 700 ≥ 600	97.9 97.9	99.2 99.2	99.3			99.4		99.7 99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.C	190.0
≥ 500 ≥ 400	97.9 97.9	99.2	99.3	99.4	99.4	99.4	99.7	99.7	99.7	100.0	100.0 100.0	0.00	100.0	:30.0	100.0	30.0 100.0
≥ 300 ≥ 200	₹7.9 97.9	99.2	99.3	99.4	39.4	99.4	99.7	99.7	99.7	100.0		100.0	199.0	100.0	.00.0	00.0
≥ 100 ≥ 0	97.9 97.9	99.2		99.4	99.4	99.4	99.7	99.7	99.7	200.0	100.0	100.0	100.0 150.0	100.3	100.0	0.00

CEILING VERSUS VISIBILITY |

HONOLULU TAP HI

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	BILITY (ST.	ATUTE MILI	ES)						
(FEET)	≥10	≥6	≥5	≥4	≥3	≥2⅓	≥2	≥1½	≥114	≥1	≥ ¾	≥%	بر ≤	≥ 5/16	≥ ¼	≥0
NO CEILING ≥ 20000	57.6 68.2	57.6 68.2	57.5 68.2	57.6 68.2	57.6 69.2			57.6 68.2	57.6 68.2	57.6 68.2	57.6 68.2	57.6 68.2	57.6 68.2	57.6 58.2	57.6 68.2	57.6 58.2
≥ 18000 ≥ 16000	66.3 68.4	68.3 68.6	68.3 68.6	68.3 68.6	68.3 68.6			68.3 68.6	68.3 68.6	68.3 68.6		68.3 68.6	68•3 68•6	68.3 68.6	68.3 68.6	68•3 68•6
≥ 14000 ≥ 12000	69.7 69.1	58.8 69.2	68.8 69.2	68.8 69.2	68.8 69.2			58.8 59.2	68.8 69.2	68.8 69.2	68.5 69.2	68.8 69.2	68 • 8 69 • 2	58.8 59.2	68 • 8 69 • 2	58 • 8 59 • 2
≥ 10000 ≥ 9000	71.1 71.9	71.2 72.1	71.2 72.1	71.2 72.1	71.2 72.1	71.2 72.1		71.2 72.1	71.2 72.1	71.2 72.1	71.2	71.2 72.1	71.2 72.1	71.2 72.1	71.2	71.2
≥ 8000 ≥ 7000	72.1 72.2	72.3 72.4	72.3 72.4	72.4 72.4		72.4	72.4		72.4	72.3 72.4	72.4	72.3 72.4	72.3 72.4	72.3 72.4	72.3 72.4	72.3 72.4
≥ 6000 ≥ 5000	72.6 78.6	72.8 78.8			78.8	78.8	78.8	78.8	78.8	72.8 78.8	78.8	72.8 78.8	72.8 73.8	72.8 78.8	72.8 78.8	72.8 78.8
≥ 4500 ≥ 4000	91.1 93.4	91.3 93.9	93.9		93.9	93.9	93.9	93.9	93.9	93.9	93.9	91.3	93.9	93.9	93.9	91.3
≥ 3500 ≥ 3000	94.4	94.9	94.9 -5.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	94.9 95.1	94.9 95.1	94.9	94.9 95.1	95.1
≥ 2500 ≥ 2000	96.1 98.6	96.7	>6.7 99.3	96.7 99.4	99.4	99.4	99.4	99.4	99.4	96.7 99.4	99.4	96.7 99.4	99.4	96.7	96.7	
≥ 1800 ≥ 1500 ≥ 1200	98.7 98.7	99.3 99.4		99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9		99.9	99.9	99.9
≥ 1200 ≥ 1000 ≥ 900	98.7 98.7	99.6 99.6	99.8	99.5	100.0	100.0	130.0	100.0	100.0	125.0	200.0	100.0	133.0	100.0	100.0	0.00
≥ 800 ≥ 700	98.7 98.7	99•6 99•6	99.8	99.9	110.0	100.0	100.3	100.0	130.0	100.0	100.0	מספרי	LC.D	0.00	100.0	00.0
≥ 500	98.7 98.7	99.6	99.3	99.9	العائنة	100.0	100.0	130.0	130.0	100.0	רבניטי	130.0	100.1	تعات	100.0	00.0
≥ 400	58.7 28.7	99.6	99.8	99.9	100.0	100.0	100.0	196.0	100.0	10.1.0	ב.סעו	.J. D	100.0	100.0	00.7	00.0
≥ 200	98.7 78.7	99.6	99.8	99.9	100.0	100.0 100.0 100.0	100.0	103.0	130.0	108.0	100.	100.0	tuo n	מ-פוזו		00.0
≥ 0	28.7	99.6				100.0				103.0		100.0	•	100-5	1	, ,

TOTAL NUMBER OF OBSERVATIONS.

CEILING VERSUS VISIBILITY

22571

HONOLULU IAP HI

70-79

NOV

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1900-1,76

CEILING (FEET)							VIS	IBILITY (ST	ATUTE MIL	(FS)						_
	≥10	≥6	≥ 5	≥4	≥3	≥27⁄2	≥2	≥1½	≥1¼	≥ı	≥ ¾	≥ %	≥ ⅓	≥ 5/16	≥ ¼	≥0
NO CEILING ≥ 20000	54.3 57.1	54.3 57.1	54.3 67.1	54.3 67.1	54.3 67.1	54.3 67.1	54.4	54.4 57.2	54.4	54.4	54.4	54.4 67.2	54.4	54.4	54.4	54.4
≥ 18000 ≥ 16000	67.4 68.2	67.4 68.2		67.4 68.2	67.4 68.2	67.4 58.2	67.6 68.3	67.6 68.3	67.5 68.3	67.6 68.3	67.6 68.3	67.5 68.3	67.5	67.6	67.2	
≥ 14000 ≥ 12000	53.8 73.7	68.8 75.7	68.8 70.7	68.8 77	68.8	58.8	58.9 71.8	68.9 70.8	68.9	68.9 71.8	68.9 75.8	58.9	68.9	68.3 58.9 70.8	68.3 58.9	68.9
≥ 10000 ≥ 9000	72.3 73.4	72.3 73.4	72.3 73.4	72.3 73.4	72.3 73.4	72.3	72.4 73.6	72.4	72.4	72.4	72.4 73.6	72.4	72.4	72.4	70.8 72.4 73.6	70.8 72.4
≥ 8000 ≥ 7000	74.2	74.1 74.2	74 • 1 74 • 2	74 • 1 74 • 2	74.1 74.2	74.1	74.2 74.3	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	
≥ 6000 ≥ 5000	74.9	74.9 8:.2	74.9 80.2	74.9 8:.2	74.9 8u.2	74.9 813.2	75.0 80.3	75.J	75.0 80.3	75.0	75.0 80.3	75.G 80.3	75.0	75.0 80.3	74.3	
≥ 4500 ≥ 4000	91.9 93.6	91.9 93.9	91.9 93.9		91.9 93.9	91.9	92.5	92.0 94.0	92.0 94.0	92.8	92.3 94.5	92.0	92.0	92.0		. =
≥ 3500 ≥ 3000	94.7	94.3 95.0	94.3 95.1	94.3	94.3 95.1	94.3 75.1	94.4	94.4	94.4 95.2	94.4	94.4	94.4	94.4	94.4		
≥ 2500 ≥ 2000	96.3 97.5	96•4 98•3	95.7 98.7	95.7 98.7	96.7 98.7	96•7 98•7	96.8 98.9	96.8	96.8	96.8	96.8	96.8		96.8		95.2
≥ 1800 ≥ 1500	98.0 28.0	98•8 98•8	99.2	99.2 99.4	99.2 99.4	99.2	99.6 99.8	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	98.9
≥ 1200 ≥ 1000	>8. 98.	98.8	99.4	99.6	99.7	99•7 99•7	100.01 100.01	00.01	00.0	100.0	00.00	aa al	GG . D	00.0	00.0	
≥ 900 ≥ 800	98.	98.8 98.8	99.4	99.6	99.7 99.7	99.7	100.01	.00.01	. ca . ռի	lao.ak	.00.0k	oo.at	37.06	2031	00.0	00.0
≥ 700 ≥ 600	98.0 98.0	98.8	99.4	99.6 99.6	99 .7 99 .7	77 • 7	30.01 (30.01	. ԾԾ • ՇԱ	.00.0µ	.00.0t	.oo.ab	10° 00°	nn.nb	00.0	.00.0j.	00.0
≥ 500 ≥ 400	98.J 98.D	98.8 98.8	99.4	99.6	99.7	99.7	00.01	.no.om	90.ch	.aa.ah	00.01	ca.ak	00.0	no.nt	00.00	00.0
≥ 300 ≥ 200	98 · 3	98.8 98.8		99.6 99.6	99.7	7701	00.01	710 • DT	00.01	.00.01	00.04	so.ot	00.0k	an.ak	nn.nt	00.0
≥ 100	98.1 98.1	98 • 8 98 • 8	99.4 99.4	99.6 99.6	99.7	25. 17	00.01	30 • BIT	30.04	00.01	00.01	oo.ok	90 nh	on at	20.01	0.00

TOTAL NUMBER OF OBSERVATIONS

90

CEILING VERSUS VISIBILITY

22521

HONOLULU TAP HI

75-79

NOV

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1250-1400 HOURS (\$1)

CEILING							VIS	IBILITY (ST.	ATUTE MIL	.ES)						
(FEET)	≥10	≥6	≥5	≥ 4	≥3	≥2½	≥2	≥1½	≥114	≥1	≥¾	≥%	≥ 1⁄2	≥ 5/16	≥ ¼	≥0
NO CEILING ≥ 20000	48.6 54.1	48.6 54.1	48.5 64.1	48.6 64.1	43.6 64.1	48.6 64.1	48.7 64.2	48.7 64.2	48.7 64.2	48.7	48.7 64.2	48.7 64.2	48.7 64.2	48.7 64.2	48.7 64.2	48.7 54.2
≥ 18000	64.8	54.4 54.8	64.3	64.8	64.4 64.8	64.8	64.5 64.9	54.6 64.9	64.6 64.9	64.6	64.5	64.9	64.6 64.9	54.6 54.9	64.6 64.9	64.6 54.9
≥ 14000 ≥ 1200J	65.9 68.7	65.9 68.7	58.7	68.7	65.9 68.7	65.9 68.7	66.0 68.8	66.J	66.3 68.8	66.0 68.8	66.3 68.8	66.0 68.8	66.0 68.8	66.0 68.8	66 • () 68 • 8	66.0 68.8
≥ 10000 ≥ 9000 ≥ 8000	69.7 70.3	69.7 70.3	69.7 70.3	69.7 70.3	69.7 70.3	69.7 70.3	69.8 70.4	70.4	69 • 8 70 • 4	69.8 71.4	69.8 70.4	69.8 70.4	69.8 70.4	69.8 7(1.5	69.8 70.4	69.8 70.4
≥ 7000	79.7 72.7 71.7	70.7 70.7 71.7	70.7 70.7 71.7	75.7 73.7 71.7	711.7 711.7	70.7	70.8 70.8	70.8 70.8	70 • 8 70 • 8	70.8 70.8	70.8 70.8	70.8	70.8	70.8 70.8	70•8 70•8	70.8 70.8
≥ 5000 ≥ 4500	79.1 89.9	79.1 90.1	79.3	79.1 90.1	71.7 79.1 9.1	71.7 79.1 90.1	71.8 79.2 90.2	71.8 79.2 90.2	71 • 8 79 • 2 90 • 2	71.8 79.2 90.2	71.8 79.2 90.2	71.8 79.2 93.2	71.8 79.2 90.2	71.8 79.2 90.2	71.8 79.2 90.2	71.8
≥ 4000 ≥ 3500	92.1 92.3	92.7 92.9	92.7	92.7	92. 7 92.9	92.7	92.8 93.0	92.8 93.3	92.8	92.8	92.8	92.8 93.0	92.8 93.0	93.0	92.8 93.0	90.2 92.8 93.0
≥ 3000 ≥ 2500	93.0 94.7	93.7 95.3	93.7 95.3	93.7 95.3	93.7 95.3	93.7	93.8 95.6	93.8 95.6	93.8 95.6	93.8	93.8 95.6	93.8 95.6	93.8 95.6	93.8 95.6	93.8 95.6	(
≥ 2000 ≥ 1800 ≥ 1500	97•4 97•9	98•2 93•8	98.2 98.9	98•2 98•9	98.2 98.9	28.3 99.ij	98.4 99.1	98.4	98.4 99.1	98.4	98.4 99.1	98.4	98.4 99.1	98.4	98.4	98.4
≥ 1500 ≥ 1200 ≥ 1000	98. 98.1	99.0 99.1	99.1 99.2		99.1 99.2	99.2 99.3	99.3 99.6	99.3 99.7	99.3 99.7	99.3 99.8	99.3 99.5	99.3 99.8	99.3 99.8	99.3	99.3	99.3
≥ 900 ≥ 800	98•1 98•1	99.1 99.1	99.2 99.2	99.2 99.2	99.2 99.2	99.3 99.3	99.6 99.6	99.7 99.7	99.7	99.8 99.8	99.8	99.8	99.8 99.8	99.8	99.8 99.8	99.8
≥ 700 ≥ 600	98 · 1	99.1	99.2	99.2	99.2 99.3	99.4	99.6 99.7 99.8	99.8	99.7	99.8 99.9 100.0	99.8 99.9		99.8	99.8	99.9	99.8 99.9
≥ 500 ≥ 400	98.1 98.1	99.1	99.2	99.3 99.3	99.3 99.3			99.9	99.9	100.J	100.0	160.0	100.0	100.0	0.00	រព្ឋពិ•្ធ
≥ 300 ≥ 300	98.1 98.1	99.1 99.1	99•2 99•2	99•3 99•3	99•3 99•3		99.8	99.9 99.9	99.9	100.0 100.0	100.0	100.5	00.0	100.0	00.0	100.0
≥ 100 ≥ 0	98 • 1 98 • 1	99•1 99•1	99.2 99.2	99.3 99.3	99.3 99.3	99•6 99•6	99.8 99.8	99.9 99.9	99.9	100•0 100•0	100.0	100.0	100.0	100.0	00.5	.na.e

TOTAL NUMBER OF OBSERVATIONS

900

USAF ETAC JUL 64 0-14-5 (OL A) MEVIOUS EDITIONS OF THIS FORM ARE OBSOLE

6528

CEILING VERSUS VISIBILITY

22521

HONOLULU IAP HI

76-79

NON

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700

CEILING							VIS	IBILITY (ST.	ATUTE MIL	ES)						
(FEET)	≥10	≥6	≥5	≥4	≥3	≥2⅓	≥ 2	21%	≥114	≥1	≥¾	≥ ⅓	≥%	≥ 5/16	≥ ¼	≥0
NO CEILING ≥ 20000	49.8 55.2	49.8 56.2		49.8 66.2	49 • 8 55 • 2	49.8 65.2	49•8 66•2	49.8 66.2	49.8 66.2	49.8 66.2	49.8 66.2	49.8 66.2	49.8 66.2	49.8	49.8	49.8
≥ 18000 ≥ 16000	66.4 66.8		66.4 66.8	66.4 66.8	56.4 66.8	66.4 66.8	66 • 4 66 • 8	66.4 66.8	66 • 4 66 • 6	66.4 66.8	66.4	66.4 66.8	65 • 4 66 • 8	66.4 66.8	66.4 65.8	56.4
≥ 14000 ≥ 12000	67.7 69.4	67.7 69.4	67.7 62.4	67.7 69.4	67.7 69.4	57.7 69.4	67.7 59.4	67.7 69.4	67.7 69.4	67.7 69.4	67.7 69.4	67.7 69.4	67.7 69.4	67.7 69.4	67.7 69.4	67.7 69.4
≥ 10000	70.7 71.2	70.7 71.2	70.7 71.2	70•7 71•2	75.7 71.2	7. • 7 71 • 2	70.7 71.2	70.7 71.2	70.7 71.2	70.7 71.2	70.7 71.2	76.7	78.7 71.2	70.7 71.2	70.7 71.2	70.7
≥ 8000 ≥ 7000	71.9 71.9	71.9 71.9	71.9 71.9	71.9 71.9	71.9 71.9	71.9 71.9	71.9 71.9	71.9 71.9	71.9 71.9	71.9 71.9	71.9 71.9	71.9 71.9	71.9	71.9 71.9	71.9 71.9	71.9
≥ 6000 ≥ 5000	73.6	73.6 85.2	73.6 8:.2	73.6 8".2	73.5	73.6 80.2	73.6 80.2	73.6 80.2	73.6 80.2	73.6 80.2	73.6 80.2	73.5 80.2	73.6 80.2	73.6 80.2	73.6	73.6 82
≥ 4500 ≥ 4000	99.6 91.6	89.9 92.1	89.9 92.1	89.9 92.1	89.9 92.1	89.9 92.1	89.9 92.1	89.9 92.i	89.9 92.1	89.9 92.1	89.9 92.1	89.9	89.9 92.1	89.9 92.1	89.9 92.1	89.9 92.1
≥ 3500 ≥ 3000	92.1 93.1	92•7 93•8	92.7 93.8	92.7 93.8		92•7 93•8	92•7 93•8	92.7 93.8	92.7 93.8	92.7 93.8	92.7 93.8	92.7 93.8	92.7 93.8	92•7 93•8	92.7 93.8	
≥ 2500 ≥ 2000	94.9 97.1	95.5 98.3	98.6	95.6 98.6	93.7	95.6 98.7	95.6 98.7	95.6 98.7	95.6 98.7	95•6 98•7	95•6 98•7	95.6 98.7	95•6 98•7	95•6 98•7	95.6 98.7	
≥ 1800 ≥ 1500	97.3 97.4	98.7	98.9 99.3	98•9 99•3	29.6	99.1 99.6	99•1 99•5	99.1 99.6	99.1 99.6	99•1 99•7	99.1 99.7	99•1 99•7	99•1 99•7	99.1 99.7	99.1 99.7	
≥ 1200	97.6 97.6	99.3 99.3		99.6 99.6	99.8	99•8 99•8	99•8 99•8	99.8 99.9					133.0		99.9 Log.5	Du n
≥ 900 ≥ 800	97.6 97.6	99.3	99.6	99.6	99.8	99.8 99.8	99•8 99•8	99.9	99.9	106.0	100.0	0.50	100.0	ם.ספו	130.0 130.0	0.00
≥ 700 ≥ 600 ≥ 500	97.6 97.6	99.3	99.6	99.6 99.6	99.8			99.9	99.9	100.0	100.0	00.0	100.0	100.0	100.0 100.0	1000
≥ 500 ≥ 400 ≥ 300	97.6 97.6	99.3	99.6	99.6 99.6	99.8		99.8	99.9	99.9	150°C	100.5	103.5	107.0	20.0	100.0 100.7	100.0
≥ 200	97.6 97.6	99.3	99.6 99.6	99.6 99.6	99.8		99.8	99.9	99.9	100.0	100.0	100.0	163.0	100.0	120.5	100.0
≥ 100	97.6	99.3 99.3	99.6	99.6 99.6		99.8	99.8 99.8			100.0					100.0 100.0	

TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

22521

HONOLULU IAP HI

70-79

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1870-2000

CEILING							VIS	BILITY (ST	ATUTE MIL	ES)						
(FEET)	≥10	≥6	≥ 5	≥4	≥3	≥2⅓	≥2	≥1%	≥1!4	≥ì	≥ ¾	≥%	≥15	≥ 5/16	≥ ¼	≥0
NO CEILING ≥ 20000	54.9 67.9	54.9 67.9	1 7 1 1	54.9 67.9	54.9 67.9	54.9 67.9	54.9 67.9	54.9 67.9	54.9 67.9	54.9 67.9	54.9 6 7. 9	54.9 67.9	54.9 67.9	54.9 67.9	54.9 67.9	54.9 67.9
≥ 18000 ≥ 16000	68.3 68.3	68•3 68•3	68•3 68•3	68.3 58.3	68.3 68.3	68.3 68.3	68•3 68•3	68.3 58.3	68.3 68.3	68.3 68.3	58.3 68.3	68.3 68.3	68.3 68.3	68.3 68.3	68•3 68•3	68•3 68•3
≥ 14000 ≥ 12000	68.7	68.7 71.2	68.7 71.2	68.7 71.2	68 .7	68.7 71.2	58.7 71.2	68.7 71.2	68.7 71.2	68.7 71.2	68.7 71.2	68.7 71.2	68.7 71.2	68.7 71.2	68•7 71•2	68.7
≥ 10000 ≥ 9000	72.9 73.1	72.9 73.1	72.9 73.1	72.9 73.1	72.9 73.1	72.9 73.1	72.9 73.1	72.9 73.1	72.9 73.1	72.9 73.1	72.9 73.1	72.9 73.1	72.9 73.1	72.9 73.1	72.9 73.1	72.9 73.1
≥ 8000 ≥ 7000	73.4 73.4	73•4 <u>73•4</u>	73.4	73.4 73.4	73.4 73.4	73.4 73.4	73.4 73.4	73.4 73.4	73•4 73•4	73.4 73.4	73.4 73.4	73.4 73.4	73.4 73.4	73.4 73.4	73.4 73.4	73.4 73.4
≥ 6000 ≥ 5000	74.4 79.	74.4 79.	74.4	74.4 79.0	74.4 79.0	74.4	74 • 4 79 • 3	74.4 79.0	74.4 79.0	74.4 79.0	74.4 79.0	74.4 79.3	74 • 4 79 • 0	74.4	74 • 4 70 • 7	74.4
≥ 4500 ≥ 4000	89.3 92.8	89.3 92.8		89.3 92.8		89•3 92•8	89.3 92.8		89.3 92.8	89.3 92.8	89•3 92•8	89•3 92•8	89.3 92.8	89•3 92•8	89•3 92•8	89•3 92•8
≥ 3500 ≥ 3000	94 • U 94 • S	94.0 94.8	94.5	94.0 94.8	94.5 94.8	94.3 94.8	94.0 94.8	94.0 94.8	94.8	94.5 94.8	94.0 94.8	94.5 94.8	94 • D 94 • 8	94•0 94•8	94.0 94.8	94.0 94.8
≥ 2500 ≥ 2000	95•2 98•7	96•2 99•1	96.2 99.1	96.2 99.1	96.2 99.1	96.2 99.1	96 • 2 99 • 1	96•2 99•1	96•2 99•1	96.2 99.1	96.2 99.1	96.2 99.1	96.2 99.1	96•2. 99•1	96 • 2 99 • 1	1 1
≥ 1800 ≥ 1500	99.1	99.7	99.4 99.7	99.4 99.7	99.4 99.7	99•4 99•7	99.4 99.7	99•4 99•7	99•4 99•7	59.4 99.7	99.4 99.7	99•4 99•7	99.4 99.7	99.4 99.7	99•4 99•7	99.4
≥ 1200	99.3 99.3	99•9 99•9	1					99•9 99•9	99•9 99•9			99.9	99.9 99.9	99.9	99.9 99.9	
≥ 900 ≥ 800	99•3 99•3	173.0 173.0	100.3	102.0 100.0			100.0								1	
≥ 700 ≥ 600	99•3 99•3	100•0	100.7				100•0 100•0								[
≥ 500 ≥ 400	1 1 7		100.0	193.0	100.0	100.0	100.0		160.0	120.0	LineO	100.0	10.0	تعتنا	00.0	200
≥ 300 ≥ 200			100.0		1	1	100.0 100.0								i	1 1
≥ 100 ≥ 0			100.0												100.0	

TOTAL NUMBER OF OBSERVATIONS.....

USAF ETAC JULIA 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

5529

CEILING VERSUS VISIBILITY

22521

T

HONOLULU IAP HI

7U-79

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300

CEILING							٧١S	BILITY (ST	ATUTE MIL	ES)						
(FEET)	≥10	≥6	≥5	≥4	≥3	≥21⁄2	≥ 2	≥1%	≥1%	≥1	≥ ¾	≥%	≥ 1/3	≥5/16	≥ ¼	≥0
NO CEILING ≥ 20000	57. 65.3	57.° 65.3	57.0 65.3	57.0 65.3	57.0 65.3	57.C 65.3	57.0 65.3	57.0 65.3	57.0 65.3	57•3 65•3	57.0 65.3	57.0 65.3	57.0 65.3	57.0 65.3	57.0 65.3	57 • 5 65 • 3
≥ 18000 ≥ 16000	65.9 65.9	55.9 55.9	65.9 65.9	65.9 65.9	65.9 65.9	65.9 65.9	55.9 65.9	65.9 65.9	65.9	65.9 55.9	65.9 65.9	65.9 65.9	65.9 65.9	65.9 65.9	65.9 65.9	55.9 55.9
≥ 14000 ≥ 12000	56.3 68.1	65.3 58.1	66.3 68.1	66 • 3 68 • 1	66.3 68.1	66.3 68.1	68.1	56.3 68.1	66.3 68.1	66.3 68.1	66.3 68.1	66.3 68.1	66.3 68.1	66.3 68.1	66•3 68•1	56•3 68•1
≥ 10000	68•7 69•E	58.7 59.	68.7 69.0	68.7 69.0	68.7 69.0	68.7 69.0		58.7 69.1	68.7 69.1	68•7 69•D	68.7 69.5	58.7 69	68.7 69.7	68.7 69.i	68.7 69.1	
≥ 8000 ≥ 7000 ≥ 6000	69.6 59.6	69.6 69.6		69.6 69.6		69.6 69.6	69.6	59.6 69.6	69.6 69.6	69.5 69.5	69.5	69.6 69.6	69.6 69.5	69.6 69.6	69.6 69.6	59.6 59.6
≥ 6000 ≥ 5000 ≥ 4500	71.3	76.4	79.3 76.4	73 • 3 76 • 4	76.4	70.3 76.4	70.3 76.4	70.3 76.4	70.3 75.4	75.3 76.4	70.3 76.4	70.3 76.4	70.3 76.4	70.3	70•3 76•4	70.3
≥ 4000 ≥ 3500	26 • 8 92 • 4 94 • 3	86.8 92.4 94.5	86.8 92.4 94.5	86 • 8 92 • 4 94 • 5	92.4 94.5	86 • 8 92 • 4 94 • 5	86 • 8 92 • 4 94 • 5	86.8 92.4 94.5	86.8 92.4 94.5	86 • 8 92 • 4 94 • 5	86.8 92.4 94.5	85 • 8 92 • 4 94 • 5	86 • 8 92 • 4 94 • 5	86.8 92.4 94.5	86.8 92.4 94.5	86.8 92.4 94.5
≥ 3000 ≥ 2500	94.7	94.9		94.9	94.9	94.9	94.9 96.7	94.9 95.7	94.9	94.5		94.9	94.9	94.9	94.9	94.9
≥ 2000	98.7 98.7	99.2 99.2	99.3	99.3 99.3	99.3	99.3 99.3	99.3 99.3	99.3 99.3	99.3 99.3	99.3	99.3 99.3	99.3	99.3	99.3	99.3 99.3	99.3
≥ 1500	98.8 98.8	99.3	99.4	99.4 99.6	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1000	98.8	99.3	99.5	99.6	99.6 99.6	99.6 99.5	99.6	99.6 99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.5	99.6
≥ 800 ≥ 700	98.8 98.8	99.3		99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7 99.3	99.7 99.8	99.7 99.8	99.7	
≥ 600	98.8 98.8	99.6	99.9	99.9	99.9	99.9		99.9			100.0		100.8	133.0 130.0	10.0	0.00
≥ 400	98.8 98.8	99.6 99.6	99.9 99.9	99.9 99.9	99.9 99.9	99.9		99.9 99.9			100.0		100.0			00.0
≥ 200 ≥ 100 ≥ 0	98.8 98.8		99.9	99.5	99.9	99.9 99.9	99.9	99.9			100.0		100.0	100.0	100.0	
≥ 0	98.8	99.6	99.9	99.	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	130.0	130.0	100.0	i Outo Ŭ

TOTAL NUMBER OF OBSERVATIONS 899

LISAE ETAC FORM 0-14-5 (OL A) metricule entrous de This sonn ans descript

CEILING VERSUS VISIBILITY

22521

HONOLULU TAP HI

70-79

NOV

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOURS IL S T I

CEILING							VIS	BILITY (ST	ATUTE MIL	ES)						
(FEET)	≥10	≥6	≥5	≥4	≥3	≥2%	≥2	21%	≥1%	≥1	≥ ¾	≥%	≥ '5	≥5/16	≥ ¼	≥0
NO CEILING ≥ 20000	£4.6	54.6 55.9	54.6 55.9	54.6 65.9	54.6 65.9	54.6 65.9	54.7 66.0	54•7 66•0	54.7 66.1	54.7 66.0	54 • 7 66 • 3	54.8 65.7	54.8 66.7	54.8 56.0	54.8	54.8 66.1
≥ 18000 ≥ 16000	66.2 66.4	66.2 66.4	65.2 66.4	66.2 66.4	66.2 66.4	66.2 66.4	66.2 66.4	56.2 56.4	65 • 2 56 • 4	66.3 66.5	65.3 66.5	66.3 66.5	66.3	66.3	66.3 66.5	66.3 66.5
≥ 14000 ≥ 12000	56.9 68.5	56.9 68.5		66.9 68.5	66.9 62.5	66.9 68.5	66.9 68.6	65.9 68.6	65.9 68.6	67.8 68.6	67.0 68.5	67.0 68.6	67.0 68.6	67.J	67.3 68.6	67.0 58.5
≥ 10000 ≥ 9000	69.8 70.2	69.8 7.3	69.8 73.3	69•8 70•3	69.8 77.3	69.8 70.3	69.8 75.3	59.8 73.3	59.8 77.3	69.9 71.4	69.9 70.4	69•9 70•4	69.9 70.4	69.9 70.4	69.9 70.4	69.9 70.4
≥ 8000 ≥ 7000	79.7 70.7	7G•7	73.7 74.8	7° • 7 75 • 8	70.7 70.8	70.7 72.8	70.8 70.8	75.8 75.8	70.8 70.8	76.8 70.9	70.8 77.9	75.8 75.9	7J.8	70.8	78.8 73.9	70.8 73.9
≥ 6000 ≥ 5000	71.5 77.6	71.6 77.7		71.6 77.7	71.6 77.7	71.5 77.7	71.6 77.8	71.6 77.8	71.6 77.8	71.7 77.8	71•7 77•8	71.7 77.8	71.7 77.8	71.7 77.8	71.7 77.8	71.7 77.8
≥ 4500 ≥ 4000	89 • 1 92 • 6	89.2 92.9			89•2 92•9	89•2 92•9	89•2 93•0	89.2 93.7	89.2 93.0	89.3 93.0	89.3 93.0	89.3 93.	89.3 93.0	89.3 93.	89.3	89.3 93.7
≥ 3500 ≥ 3000	93.7	94.5 94.6	94 • 6 94 • 6		94 • G	94.6	94•1 94•7	94 • 1 94 • 7	94.1 94.7	94.1 94.7	94 • 1 94 • 7	94.2 94.7	94.2 94.7	94.2 94.7	94.2	94.2 94.7
≥ 2500 ≥ 2000	95.7 97.7	96•2 98•5	96•2 99•7	96•2 93•7	96.2 98.7	96•2 98•7	96 • 3 98 • 8	96•3 98•8	96•3 98•8	96.3 98.8	96•3 98•8	96.3 98.9	96 • 3 78 • 9	96•3 98•9	96•3 98•9	96.3 98.9
≥ 1800 ≥ 1500	98.2 98.2	98.9 99.2	99 • . 99 • 4	99•1 99•4	99•1 99•5	99•1 29•5	99•2 99•6	99•2 99•6	99•2 99•6	99•2 99•7	99.2	99.3 99.7	99.3	99.3 99.7	99.3 99.7	99.3
≥ 1200 ≥ 1000	98•2 98•3	99.3 99.3	99•5 99•5	99•6 99•6	99.6 99.7	99•7 9 9• 7	99•8 99•8	99•8 99•8	99•8 99•8	99.9	99.9 9 9. 9	99.9 99.9	99.9 99.9	99.9	99.9 99.9	99.9
≥ 900 ≥ 800	98.3 98.3	99.3 99.3	99.6	99.6	99.7	99•7 99•7	99.8 99.8	99•8 99•8	99.8 99.8	99•9 99•9	99.9	99.9 99.9	99.9 99.9	99.9 99.7	99.9	
≥ 700 ≥ 600	98•3	99.4	99.6 99.6	99.6 99.7	99.7	99.7 99.7	99.8	99.8			100.0	00.2	امعوت	13c.c	.00.0	تمتت
≥ 500 ≥ 400	98.3 98.3	99.4 99.4	99.6 99.5	99.7 99.7	99.7 99.7	99.7 99.7	99.9	99.9	99.9	100.0	130.0 L30.0	20.3	10.0	00.0	رم.دن	20.2
≥ 300 ≥ 200 ≥ 100	98.3 98.3	99.4	99.6 99.6	99.7	99.7 99.7	99.7	99.9 99.9	99.9 99.9	99.9	اعمتت	00.0	ندەن	امحتما	00.0	120.0	00.0
≥ 100 ≥ 0	98•3 98•3	99•4 99•4	99•6 99•6	99•7 99•7	99 .7 99 .7	99•7 99•7	99.9	99.9			.00.0			00.0	0.00	100.0

TOTAL NUMBER OF OBSERVATIONS 719

USAF ETAC HUGA 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLET

CEILING VERSUS VISIBILITY

2252:

HONOLULU IAP HI

7ú-79

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

VISIBILITY (STATUTE MILES) CEILING ≥ہ 221/2 ≥ 5/16 21% NO CEILING 59.6 59.5 59.6 59.6 59.6 59.6 59.6 59.6 59.6 59.5 59.6 59.6 59.6 59.6 ≥ 20000 64.3 64.3 64. 64.31 64.3 64.3 ≥ 18000 ≥ 16000 64.6 64.7 64.6 64.6 64.6 64.7 54.7 64.7 54.7 ≥ 14000 54.8 64.8 64.8 64.8 64.8 64.8 64.8 64.8 64.8 64.3 ≥ 12000 66.3 66.3 65.3 66.3 66.3 66.3 66.3 .56 . 3 67.3 67.3 67.3 67.3 67.3 67.3 67.3 67.3 67.3 67.3 67.3 67.3 67.3 67.3 67.3 67.3 ≥ 9000 67.7 67.7 67.7 67.7 67.7 67.7 ≥ 8000 ≥ 7000 67.8 ≥ 6000 ≥ 5000 75.7 75.7 75.7 75.7 75.7 75.7 75.7 75.7 ≥ 4500 ≥ 4000 91.3 91.3 90.3 92.3 93.3 93.3 93.3 93.3 93.3 93.3 93.3 93.3 93.3 93.3 93.3 ≥ 3500 ≥ 3000 95.5 95.5 95.5 95.5 95.5 95.5 95.5 95.5 95.5 95.5 95.5 95.5 95.5 ≥ 2500 ≥ 2000 96.7 96.7 96.7 95.7 96.7 96.7 95.6 96.6 95.7 96.7 96.7 96.7 96.7 96.7 96.7 98.6 98.6 98.6 98.6 98.6 98.6 98.6 98.6 98.6 98.6 98.6 98.6 98.5 98.6 99.2 ≥ 1200 99-91-3-52-59-01-59-01-30-01-30-01-30-01-30-01-30-01-30-01-30-01-30-01 99.2| 99.6| 99.9|150.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|10 ≥ 800 99.6 99.91.00.01.00.01.00.01.00.01.00.01.00.01.00.01.00.01.00.01.00.01.00.01.00.01.00.01.00.01.00.01.00.01.00.0 700 ≥ 600 99.2 99.6 99.9 100.0 11.00.0 120.0 100.0 1 500 400 300 ≥ 100 9|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0| <u>99.91.00.01.00.01.00.01.00.01.00.01.00.01.70.01.00.01.00.01.00.01.00.01.00.01.00</u>

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC 101 44 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

2232.

IH PAI UJUJCKOH

73-79

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500

CEILING															-	
(FEET)	≥10	≥6	≥5	24	≥3	≥2%	≥2	≥1%	≥1%	≥1	≥ ¾	≥ ¾	≥ '⁄2	≥5/16	≥ %	≥0
NO CEILING ≥ 20000	67.4 65.2	65•4 65•2	69.4 65.2	60.4 65.2	6"•4 65•2	50.4 55.2	60.4 55.2	65.4 65.2	53.4 65.2	65.3	60.5 65.3	60.5 65.3	60.5 65.3	60.5 65.3	50.5 65.3	68.5 55.3
≥ 18000 ≥ 16000	65.4 55.7	65.4 55.7	65.4 65.7	65.4 65.7	65.4 65.7	65•4 65•7	55.4 65.7	55.4 55.7	65.4 65.7	65.5 65.£	65.5 65.8	65.6 65.8	65.6 65.8	65.6 65.8	65.6 65.8	65.5 65.d
≥ 14000 ≥ 12000	65.9 66.8	65.9 66.8	65.9 66.8	65.9 66.8	65.9 66.8	65.9 66.8	55.9 66.8	55.9 55.8	65.9 66.8	66.1. 67.3	66.0 67.	66.D	65.0 67.3	56.0 67.1	66.0 67.7	66.0 67.0
≥ 10000 ≥ 9000	68 • 1 68 • 7	68•1 68•7	68 • <u>1</u> 68 • 7	68.1 68.7	58.1 68.7	68•1 68•7	68.1 68.7	68.1 68.7	68.1 58.7	68•2 68•8	68 • 2 68 • 8	68.2 68.8	58•2 68•8	68•2 68•3	68.2 68.8	68.2 58.8
≥ 8000 ≥ 7000	69.i 69.1	69.1 69.1	69•i	69•1 69•1	59.1 69.1	69•1 69•1	59.1 69.1	69•1 69•1	59.1 59.1	69.2 69.2	69.2 69.2	69.2 69.2	69.2 69.2	69•2 59•2	69•2 69•2	69.2 69.2
≥ 6000 ≥ 5000	59.9 75.7	69.9 75.7	75.7	69•9 75•7	69.9 75.7	69•9 75•7	69.9 75.7	69.9 75.7	69.9 75.7	70•9 75•8	70 • G 75 • 8	70•3 75•8	70.0 75.8	70•0 75•8	70.0 75.8	70.0 75.8
≥ 4500 ≥ 4000	97.6	90.6 93.3	93.	90.6 93.5	93.0			90•6 93•3	90.6 93.0		99.7 93.1	90•7 93•1	90.7 93.1	90.7 93.1	90•7 93•1	95.7
≥ 3500 ≥ 3000	94 • 1 95 • 5	94.1 95.6	95.6	94 • 1 95 • 6	95.6	94•1 95•6	94.1 95.6	94.1 95.6	94.1 95.6	94•2 95•7	94•2 95•7	94•2 95•7	94.2 95.7	94•2 95•7	94•2 95•7	94.2 95.7
≥ 2500 ≥ 2000	96 • 4 98 • 4	95.6 98.5	98.5	96•6 98•5	98.5	98.5	28.5	96.6 98.5	98.5	98.6	96•7 98•6	95•7 98•5	96.7 98.6	96.7 98.6	96•7 98•6	96.7 98.6
≥ 1800 ≥ 1500	98.7 98.8	99•0 99•4	99.5	99•0 99•5	99.5	99.5	99.5	99.5	99.5	99.5	99.1 99.5	99•1 99•6	99.1 99.6	99•1 99•6	99.1 99.5	99.1 99.6
≥ 1200 ≥ 1000	99.1 99.2	99.7 99.8	99.9	99•8 99•9	99.9	99.9	99.9	59.9	99.9	100.0	99.9 130.0	ספרכו	120.0	99.9 (30.0		· · ·
≥ 900 ≥ 800	99.2	99•8 99•8	99.9	99.9 99.9	99.9	99.9	99.9	99.9	99.9	100.0		100.0	ם.מני	ניסנו	100.0	ممود
≥ 700 ≥ 600	99•2 99•2	99.8 99.8	99.9	99•9 99•9	99.9	99.9	99.5	92.9	9 9.9	176.7	160.0	100.0	100.0	בשמרי	ב.חחי	2002
≥ 500 ≥ 400	99•2 99•2	99•8 99•8	99.9	99.9 99.9	99.9 99.9	99.9		99.9	99.9		100.0	100.0 2.001	02.0	100.0 100.1	100.0 100.0	
≥ 300 ≥ 200	99.2	99.8 99.8	99.9	99•9 99•9	99•9 99•9	99.9			99.9	100.0		100.1	LLO.O	Coor		The
≥ 100	99.2 99.2	99.8 99.8	1	99.9 99.9							180.0		130.0 130.0			.03.0 .00.0

TOTAL NUMBER OF OBSERVATIONS 9

USAF ETAC JULIA 0-14-5 (OL A) MEVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

929

CEILING VERSUS VISIBILITY

22521

HONOLULU IAP HI

76-79

BEC

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

<u>សស្ត្រពួកកុខលា</u>

CEILING							VIS	BILITY (ST	ATUTE MIL	ES)						
(FEET)	≥10	≥6	≥ 5	≥ 4	≥3	≥2⅓	≥ 2	≥1⅓	≥114	≥1	≥ ¾	≥%	≥ 1⁄2	≥ 5/16	≥ ¼	≥0
NO CEILING ≥ 20000	51.6 58.2	60.6 58.2	63.5 68.2	60.6 68.2	65.6 68.2	60.6 68.2	53.5 63.2	60.6 68.2	60.5 68.2	65.5 68.2	6ۥ5 68•2	60.5 68.2	63.6 68.2	60.6 68.2	68.6 68.2	50 • 6 58 • 2
≥ 18000 ≥ 16000	68.3 68.5	58•3 68•5		68.3 68.5	68•3 63•5	58•3 68•5	68.3 68.5	68.3 68.5	68.3 68.5	68.3 68.5	58•3 68•5	68.3 68.5	68.3 63.5	68.3 68.5	68•3 28•5	68.3 68.5
≥ 14000 ≥ 12000	68.8 69.6	68.8 69.6	68 • 8 69 • 5	68.8 69.6	68.8 69.6	58.8 69.6		58.8 59.6	58 • 8 69 • 6	58.8 59.6	68 • 8	58.8 69.6	68 • 8	68.8 69.6	68.8	68 • 8 69 • 6
≥ 10000 ≥ 9000	71.3 72.2	71.3 72.2	71.3 72.2	71.3	71.3 72.2	71.3 72.2		71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
≥ 8000 ≥ 7000	72.5 72.6	72.5 72.6	72.5 72.5	72.5 72.6	72.5 72.6	72.5 72.6	72.5 72.6	72.5 72.6	72.5 72.5	72.5 72.6	72.5 72.5	72.5 72.6	72.5	72.5	72.5 72.6	72.5 72.6
≥ 6000 ≥ 5000	72.7 78.5	72.7 78.5	72.7 78.5	72.7 78.5	72.7 78.5	72•7 78•5	72.7 78.5	72.7 78.5	72.7 78.5	72.7 78.5	72.7	72.7 78.5	72.7 78.5	72.7 78.5	72•7 78•5	72.7 78.5
≥ 4500 ≥ 4000	95.5 93.1	93.5 93.1	90.5	91.5 93.1	9 • 5 9 3 • 1	9J.5	90.5	90.5	90.5	90.5 93.1	90.5	93.5	90.5	90.5	90.5	96.5
≥ 3500 ≥ 3000	93.3 94.7	93.3 94.7	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3 94.7
≥ 2500 ≥ 2000	96.2 98.3	96.5			96.5 98.8	96.5		96.5 98.8	96.5 98.8	96.5 98.8	96.5 98.8	96.5 98.8	96.5 98.8	96.5	96.5 98.3	96.5
≥ 1800 ≥ 1500	98.6 98.7	99.2	99.2	99.2	99.2 99.6	99.2	99.2	99.2	99.2	99.2	99.2	99•2 99•6	99.2 99.6	99.2	99.2 99.6	
≥ 1200 ≥ 1000	98.7	99.6	99.5	99.6 99.8	99.8	99.8		99.8	99.8	99.8	99.8	99.8	99.8		99.8	99.8
≥ 900 ≥ 800	98.9	99.8	99.8	99.8	1 3.0		150.0	100.0	130.0	100.0	100.0	100.0	100.0	.00.1	100.0	100.0
≥ 700 ≥ 600	98.9	99.8	99.8	99.8	ניטיו	100.0	100.0	100.0	100.0	100.3	100.0	180.0	0.001	100.0	100.0	100.5
≥ 500 ≥ 400	98.9 98.9	99.8	99.3	99.8	120.0	10 J. D		100.0	130.0	100.0	100.0	100.0		₽ . 00°5	100.0	100.0
≥ 300 ≥ 200	58.9 98.9	99.8	90.8	99.8	100.0	130.0	100.0	130.0	100.C	103.0	100.5	100.0	130.0	100.u	100.0	0.30
≥ 100 ≥ 0	78•9 98•9	99.8 99.8	99.8	99.8	100.0	103.0		130.0	139.3	100.0	100.0	100.0	1.00.0	100°3	LUG.G	

TOTAL NUMBER OF OBSERVATIONS 93

USAF ETAC JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

22521

HONOLULU IAP HI

70-79

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2900-1100 HOUR IS O

CEILING							VIS	IBILITY (ST.	ATUTE MIL	ES)		_				
(FEET)	≥10	≥6	≥5	≥4	≥3	≥2%	≥ 2	21⅓	≥1%	≥1	≥ ¾	≥%	≥%	≥ 5/16	۸i	≥0
NO CEILING	58 • 1	58.2	58.2	58.2	58•2	58° 4	58 • 2	58.2	58.2	58.2	58.2	58•2	58 • 2	58.2	58 • 2	56.2
≥ 20000	09 • 7	69.8	69.8	69.3	69•8		69 • 8	69.8	69.8	69.8	69.8	69•8	69 • 8	69.8	69 • 8	59.8
≥ 18000	59.8	69.9	69.9	69.9	69.9	69.9	69.9	59.9	69.9	69.9	69.9	69•9	69.9	69.9	69.9	69.9
≥ 16000	59.9	7.}.∂	73.	73.8	70.0	77.:	70.3	70.J	70.5	70.0	70.3	70•0	73.0	70.5	73.1	
≥ 14000 ≥ 12000	71.2 72.3	71.3	71.3	71.3 72.4	71.3 72.4	71.3 72.4	72.4	71.3 72.4	72.4	71.3 72.4	73.3 72.4	71.3 72.4	71.3 72.4	71.3 72.4	71.3 72.4	71.3 72.4
≥ 10000	73.9	74.0	74.0	74.8	74.€	74.3	74.0	75.1	74.0	74.0	74.0	74.3	74.5	74.0	74.9	74.0
≥ 9000	74.9	75.1	75.1	75.1	75.1	75.1	75.1		75.1	75.1	75.1	75.1	75.1	75.	75.1	75.1
≥ 8000	75.3	75•4	75•4	75•4	75.4	75.4	75•4	75.4	75.4	75.4	75.4	75•4	75•4	75•4	75•4	75.4
≥ 7000	75.3	75•4	75•4	75•4	75.4	75.4	75•4	75.4	75.4	75.4	75.4	75•4	75•4	75•4	75•4	75.4
≥ 6000	75.8	75.9	75.9	75.9	75.9	75•9	75•9	75•9	75.9	75.9	75.9	75.9	75.9	75.9	75•9	75.9
≥ 5000	52.7	82.6	82.8	82.8	82.8	82•8	82•8	82•8	82.8	82.8	82.3	32.8	82.8	82.8	82•8	82.8
≥ 4500	91.1	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
≥ 4000	92.4	92.8	92.8	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.3	92.9	
≥ 3500	92•8	93.5	93 • 5	93.5	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 3000	94•2		94 • 9	94.9	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.	95.1	95.1
≥ 2500	96.0	96.8	96 • 8	96•8	96•9	96•9	96.9	96.9	96.9	96•9	96.9	96.9	95.9	96.9	96.9	96.9
≥ 2000	57.4	98.5	98 • 6	98•6	98•7	98•7	98.7	98.7	98.7	98•7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1800	97.7	98•9	99.º	99•j	99.1	99.1	99•1	99.1	99•1	99•1	99.1	99•1	99.1	99.1	99•1	99.1
≥ 1500	97.8	99•2		99•5	99.7	99.7	99•7	99.7	99•7	99•7	99.7	99•7	99.7	99.7	99•7	99.7
≥ 1200 ≥ 1000	98∙ 98•	99.6 99.5	99.9 99.8	99.8 99.8				100.U		700°9 790°9	180.0	100.0	100.0	100.0		100.0 Laŭ.a
≥ 900 ≥ 800	98 95.	99.6 99.6	99.8	99•8 99•8	113.0	100.0 100.0	1.0.0 100.3	190.0			100.0 100.0			100.0		100.0 Duali
≥ 700 ≥ 600	98 • 93 • :	99•6 99•6	99•8 99•8		103.0			130.0 180.3		130•3	100.0	100.0	100.0		130.0 130.0	00.0 0.00
≥ 500 ≥ 400	58.1 98.5	99•6 <u>9</u> 9 <u>6</u>	99.8 99.8		100.0 100.0			170.9 170.3							100.0	
≥ 300 ≥ 200	98.0 98.	99.6 99.5	99.8		100.0 100.0			170.0							1 30 • 0 100 • 0	
≥ 100 ≥ 0	?8•: 98•:	99.5 99.6	99.3 99.9		100.0	-		100.0 100.0				100.0				.0J.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLET

6532

- . In 14

CEILING VERSUS VISIBILITY

22523

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O

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HONOLULU IAP HI

79-79

200-1050

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1407 HOURS (131)

CEILING							VIS	IBILITY (ST.	ATUTE MIL	ES)						
(FEET)	≥10	≥6	≥5	≥4	≥3	≥2%	≥2	≥1%	≥1'4	≥i	≥ 1,4	≥%	≥%	≥5/16	≥ ¼	≥0
NO CEILING ≥ 20000	59.9		59.3 59.5	59.3 69.9	59.3 69.9		59•4 73•3	59.4 73.9	59.4 70.0	59.4 70.0	59.4 70.0	59.4 70.0	59.4 70.0	59.4 70.5	59.4 70.7	59.4 75.2
≥ 18000 ≥ 16000	7 · • 3		70.3	7:•3 7.•7	7 1.3	7 - 3	7ე•4 7]•8	70.4	70.4 70.8	70.4 71.8	73•4 79•8	73.4 75.8	73.4	70.4 70.8	70.4 70.8	75.4 73.8
≥ 14000 ≥ 12000	71.9 74.5	71.9	71.9 74.	71.9 74.^	71.9	71.9	72.^ 74.1	72.0 74.1	72.0 74.1	72.3 74.1	72.0 74.1	72.9 74.1	72.0 74.1	72.9 74.1	72.0 74.1	72.J 74.1
≥ 10000 ≥ 9000	75.6 76.1	75.6 76.1	75.6 76.1	75.6 76.1	75.6 76.1	75.5 76.1	75.8 76.2	75.8 75.2	75.8 76.2	75.8 76.2	75.8 76.2	75.8 76.2	75.8 76.2	75.8 76.2	75.8 76.2	75.8 76.2
≥ 8000 ≥ 7000	76.7 75.8	76.7 76.8	76.7 76.8	76•7 76•8	76 .7 76 . 8	76.7 76.8	76.8 76.9	76.8 75.9	75.8 76.9	75.8 76.9	76.9 76.9	76.8 76.9	75.8 75.9	76.8 76.9	76.3 75.9	76.8 76.9
≥ 6000 ≥ 5000	77.5 22.8	77.7 82.9	77.7 82.9	77.7 82.9	77.7 82.9	77.7 82.9	77.8 83.0	77.8 23.0	77.8 83.1	77.8 83.3	77.8 83.0	77.8 83.3	77.8 83.3	77.8 83.1	77.8 83.7	77.8 83.0
≥ 4500 ≥ 4000	91.8 93.6	91.9 94.3	91.9 94.3	91.9 94.3	91.9	91.9 94.6	92.3 94.7	92.0 94.7	92.0 94.7	92.5 94.7	92.5 94.7	92.0 74.7	92.5 94.7	92.J	92.3 94.7	92.0 94.7
≥ 3500 ≥ 3000	94.5 95.3	95•. 95•8	95 • 3 95 • 8	95∙ï 95∙8	95.4 95.1	95.4 96.1	75.5 96.2	95.5 96.2	95.5 96.2	95.5 96.2	95.5 96.2	95.5 26.2	95.5 96.2	95.5 96.2	95•5 96•2	95•5 96•2
≥ 2500 ≥ 2000	97•4 98•4	98.0 99.0	98•1 99•1	98•5 99•3	98.3	98.3 99.4	98•4 99•5	98.4 99.5	98•4 99•5	98.4 99.5	98.4 99.5	98.4 93.5	98.4	98.4 99.5	98•4 99•5	98.4 99.5
≥ 1800 ≥ 1500	98.4 98.4	99.3	99.0	99•0 99•0	99.4	99.4 99.4	99.5 99.6	99.5 99.6	99.5 99.6	99•5 99•6	99.5 99.6	99.5 99.6	99.5 99.6	99.5 99.5	99.5 99.6	99.5 99.6
≥ 1200 ≥ 1000	98.5 39.5	99.1	99.1 99.1	99.1 99.1	99.6 90.6	99•6 99•6	99•8 99•8	99•8 99•8	99•8 99•8	99•8 99•8	99•8 99•8	99.8 99.8	99.8 99.8	99.8	99•8 99•8	99.8 99.8
≥ 900 ≥ 800	98•5 98•6	99.2	99.2 99.2	99.2	99 .7	99•7 99•7	99.9 99.9	99.9 99.9	99.9	99.9 99.9	9 9. 9	99.9 99.9	99•9 99•9	99.9 99.9	99.9 99.9	99.9 99.9
≥ 700 ≥ 600	98•6 98•6	99.2	99•2 99•2	99•2 99•2	99 .7	99.7 99.7	99•9 99•9		99.9 130.5		99.9 100.7	99.9	99.9	99.9	99.9 LOD.O	99.9
≥ 500 ≥ 400	98•6 98•6	99.2	99•2 99•2	99.2 99.2	99.7	99.7 99.7	99.9	130.0	100.0	100.0	100.5	103.3	137.0	100.J	22.9	
≥ 300	98.6 98.5	99.2		99•2 99•2	99.7		99.9	170.0	130.0	100.0	100.2	102.2	157.0	20.5	<i>5</i> 3.7	100.0 100.5
≥ 100 ≥ 0	98.6 98.6	99.2	99.2 99.2	99.2 99.2		99.7 99.7				100.0 103.3			153.0	00.0 0.00	100.0 100.0	100.0 0.00

TOTAL NUMBER OF OBSERVATIONS ______

USAF ETAC FORM AN O-14-5 (OL A) MEVIOUS EDITIONS OF THIS FORM AND OBSOLET

CEILING VERSUS VISIBILITY

HONOLULU TAP HE

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	IBILITY (ST.	ATUTE MIL	ES)		•				
(FEET)	≥10	≥6	≥5	≥4	≥3	≥2⅓	≥2	≥11/2	≥14	≥1	≥ ¾	≥ ¾	≥ '5	≥ 5/16	≥ ¼	≥0
NO CEILING ≥ 20000	55•9 7^•2	55.9 7.1.2	55.9 7°.2	55.0 7'.2	25.9 70.2	55.9 71.2	55.9 70.2	55.9 70.2	55.9 73.2	55.9 7C.2	55.9 70.2	55.9 70.2	55.9	55.9 70.2	55.9 73.2	55.9 74.2
≥ 18000 ≥ 16000	7 • 2 71 • 2	7J.2 71.2	77.2 71.2	72 71.2	7 · · 2 71 · 2	7 1.2 71.2	70.2 71.2	73.2 71.2	70.2 71.2	70.2 73.2	70.2 71.2	73.2 71.2	70.2 71.2	79.2 71.2	70.2 71.2	7U.2 71.2
≥ 14000 ≥ 12000	71.9 73.3	71.9 73.3	71.9 73.3	71.9 73.3	71.9 73.3	71.9 73.3	71.9 73.3	71.9 73.3	71.9 73.3	71.9 73.3	71.9 73.3	71.9 73.3	71.9 73.3	71.9	71.9 73.3	71.9 73.3
≥ 10000	75.3 75.7	75.3 75.7	75.3 75.7	75•3 75•7	75.3 75.7	75•3 <u>75•7</u>	75•3 75•7	75.3 75.7	75.3 75.7		75.3 75.7	75.3 75.7	75.3 75.7	75.3 75.7	75.3 75.7	75.3 75.7
≥ 8000 ≥ 7000	75.8 75.9	75.9 76.7	75.8 76.0	75 • 8 76 • 6	75.8 76.0				75.8 76.0		75.8 23.0	75.8 76.	75.8 75.7	75.8 76.0	75.8 76.7	75.8 76.0
≥ 6000 ≥ 5000	32.9	ا 77٠ لعد 8	77.1 83.1	77.1 83.1	77.1 83.1	77•1 -33•1	77•1 83•1	77.1 83.1	77.i 33.1	77.1 83.1	77.1 83.1	77.1 83.1	77.1 83.1	77.i 83.1	77.1 63.1	77.1 83.1
≥ 4500 ≥ 4000	33.2 95.7	93.4 95.3	95.3	93.4 95.3	93.4	93•4 95•4			93•4 95•4	93•4 95•4	93.4 95.4	93.4 95.4	93.4 95.4	93.4 95.4	93.4 95.4	93.4
≥ 3500 ≥ 3000	97.1	95.9 97.2	95.9 97.2	95•9 97•2	95.9 97.2	96 • J 97 • 3	96 • 3 97 • 3		96 • U	97.3	96.0 97.3	96.0 97.3	96.0 97.3	96.8 97.3		96.0 97.3
≥ 2500 ≥ 2000 ≥ 1800	97.5 28.6	97.8 99.1	97.8	99.4	97.8		98.7 99.5	98 • ti	98.3 99.5	98.0 9.5	98.0 99.5	98 • i. 99 • 5	98∙8 99•5	98.3 99.5	98.7 99.5	98.3 99.5
≥ 1500	78.8 99.8	99•5	99.5 99.5	99.7	99.8	99.8 99.9	99.9			99•8 99•9	99.8 99.9	99.8	99.8 99.9	99.8	99.9	99.8
≥ 1000	98.8 98.8	99•5 99•5	99.5 <u>99.5</u>	99.7	99.8 99.8	99.9 99.9	99.9	100.0	100.0	100.0	100.	עיבנו	100.0	רעה - ",	00.7	12. 1
≥ 800	98 • 8 98 • 8	99.5 99.5	99.6 99.6	99.7	99.8	99.9	99.9	100.0	wo o	והספו	ם מחו	امدعه	100.0		ر : <u>، ده</u> ر : ، ده	130 • 11 130 • 11
≥ 600	98.8 98.8	99.5 99.5	99.6 99.6		99.8 99.8	99.9 99.9	99.9	100.0	103.3	100.0		ندوون	120.01		. 'Yr , 5) Li Ca' ,	الآولاء كار الأولاء تعد
≥ 400 ≥ 300	98.8	99.5 99.5	99.6	99.7	99.8	99.9	99.9	100.0	100.1	100.0	100.0	100.1	100.0	و مانت	. J	
≥ 200	98.8	99.5 99.5	99.5 99.5	99.7	99.8 99.8	99.9	99.9	130.0	100.5	103.0	100.0	ica.		20.2	10.0	00.0
≥ 100 ≥ 0	98.8 ^8.8	99.5 99.5	99.6 99.6		99.8 99.8	99.9				100.0		100.0	130.a 133.5		100.3 100.3	100.0

0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

20521

C

IH PAI UJUJONOH

70-79

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000

CEILING							VIS	BILITY (ST	ATUTE MIL	ES)						
(FEET)	≥10	≥6	≥5	≥4	≥3	≥2⅓	≥2	≥1/2	≥114	≥1	≥ 3,4	≥ %	≥ 1⁄2	≥5/16	≥'₄	≥0
NO CEILING ≥ 20000	58.7 69.9	58.9 7.1.1	58.9 75.1	58.9	58.9 7⊔.1	58•9 73•1	58.9 70.1	58.9 74.1	58.9 73.1	59.1 73.3	59.1 70.3	59.1 70.3	59 • 1 70 • 3	59.1 70.3	59.1 79.3	59 • 1 7 • • 3
≥ 18000 ≥ 16000	75.1 77.4	7.1.6	74.3 79.5	7 - 3 7 : 6	7 • 3 7 • 6	71.3 71.6	70.3 70.6	7u.3	78•3 711•6	70.5 70.9	79.5 70.9	70.5 73.9	70.5 70.9	70.5 70.9	70.5 70.9	70.5 79
≥ 14000 ≥ 12000	70.8 72.5	72.7	71.7 72.7		71.0 72.7	71.3 72.7	71.3 72.7	71 · 3 72 • 7	71.5 72.7	71.2 72.9	71.2 72.9	71.2 72.9	71.2	71.2 72.9		71.2
≥ 10000	74.7 75.1	74.9 75.3	75.3	74.9 75.3	74.9 75.	74.9 <u>75.3</u>	74.9 75.3	74.9	74.9 75.3	75.2 75.5	75.2 75.5	75.2 75.5	75.2 75.5	75.2 75.5		75.2 75.5
≥ 8000 ≥ 7000 ≥ 6000	75.6 75.6	75.8 75.9	75.9				75.9	75.8 75.9			76.1	76.1	76.3 76.1	76.3 76.1	76.0 76.1	76.1
≥ 6000 ≥ 5000 ≥ 4500	75.9 80.5 89.9	76.2 91.2 93.5	81.2	76.2 31.2	81.2	76•2 81•2 93•5	81.2	81.2	76.2 81.2 90.5	81.4	81.4	76.5 81.4 90.8	76.5 81.4 90.8	76.5 81.4 90.8	75.5 81.4 90.8	76.5 81.4 90.8
≥ 4000	92.2 92.6	92.9	92.9			92.9	92.9	92.9		93.1	93.1	93.1 93.5	93.1	93.1 93.5	93.1 93.5	93.1
≥ 3000	93.5	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.5	94.5	94.5 97.4	94.5	94.5	94.5	1
≥ 2000	96.5 97.0			98.1	98.2	98.2	98.2	98.2	98.2	98.4	98.4	98.4 99.2	98.4	98.4	98.4	98.4
≥ 1500	97.1	98.5 98.6		99.5	99.2	99.4	99.4	99.4	99.4	99.6		99.6	99.6	99.5		
≥ 1000	97.1 57.1	98•5 98•6					99.8 99.8			100.0	130.0 100.0				100.0	
≥ 800 ≥ 700 ≥ 600	97.1	98.6 98.6	99.5	99.5	99.5	99.7	1	99.8	99.8	~	100.0		F	100.0	100.0	
≥ 500 ≥ 400	97.1	98.6	99.5	99.5	99.6	99.7	99.8	99.8	99.8	100.0	100.0		100.0	20.3	100.0	
≥ 300 ≥ 200	97.1 97.1	98•6 98•6	99.5	99.5	99.6	99.7	99.8	99.8 99.8	99.8		190.0		100.0	100.4	100.0	F
≥ 100 ≥ 0	97.1 97.1	98.6	99.5	99.5	99.6	99.7	99.8	99.8	99.8	100.0	130.0	100.0	109.0	190.0		100.0

TOTAL NUMBER OF OBSERVATIONS 931

USAF ETAC JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLET

CEILING VERSUS VISIBILITY

CRALL HONOLULU TAP HI

79-79

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2107-2300

CEILING							vis	IBILITY (ST.	ATUTE MIL	ES)						
(FEET)	≥10	≥6	≥5	≥4	≥3	≥21⁄2	≥2	≥1½	≥1%	≥1	≥ ⅓	≥%	≥%	≥ 5/16	≥ ¼	≥0
NO CEILING ≥ 20000	73.4 58.3	63.4 68.3	53.4 58.3	63.4 68.3	63•4 66•3	63.4 68.3	63.4 68.3	53.4 68.3	53.4 68.3	63.4 68.3	63.4 68.3	63.4 66.3	63.4 68.3	63.4 68.3	63.4 68.3	53.4 58.3
≥ 16000 ≥ 16000	58.6 68.6	68.5 68.5	68.6 68.5	68•6 68•6	68.6 68.6	68.6 68.6	68.6 68.6	68.6 68.6	68.6 68.6	68.6 58.5	68 • 5 68 • 5	68.5 68.6	68.6 68.6	58.6 58.6	68.6 68.6	68.6 68.6
≥ 14000 ≥ 12000	69.2 71.2	69.2 71.2	59.2 71.2	69.2 71.2	69.2 71.2	59.2 71.2	71.2	69.2 71.2	69.2 71.2	69.2	69.2 71.2	69.2 71.2	69.2 71.2	69.2 71.2	69•2 71•2	59.2 71.2
≥ 10000 ≥ 9000	72.9	72.9	72.2 72.9	72.2 72.9	72.2 72.9	72.2 72.9	72.9	72.2 72.9	72.5	72.2 72.9	72.2	72•2 72•9	72.2 72.9	72.2 72.9	72.9	72.2 72.9
≥ 8000 ≥ 7000	73.1	73.0 73.1	73.1	73.0 73.1	73.0 73.1	73.U 73.i	73.0 73.1	73.1	73.1 73.1	73.0 73.1	73.1	73.1	73.1	73.0 73.1	73.0 73.1	73.1
≥ 6000 ≥ 5000 ≥ 4500	73.2 76.3	73.2 78.4	73.2	73.2 78.4	73.2 78.4	73.2 73.4	73.2 78.4		73.2 78.4	73.2 78.4	73.2	73.2 78.4	73.2 78.4	73.2 78.4	73.2 78.4	73•2 78•4
≥ 4500 ≥ 4000 ≥ 3500	87.1 95.6 92.4	87.8 94.9 92.6	87.8 97.9 92.6	87.8 93.9 92.6	87.8 90.9	94.9	90.9			96.9	90.0	90.9	87.8 90.9	87.8 90.9	97.9	87.3 9:.9
≥ 3000	93.9 95.2	94.1	94 1 96 6	94.1	94.1 94.6	94.1	94.1	24.1	94.1	92.5 94.1 96.6	92.5 94.1 96.5	92.6 94.1 96.6	92.5 94.1 95.6	92.6 94.1 96.6	92.6 94.1 96.6	92.6 94.1 96.6
≥ 2000	97.3	98.5	98.5 99.1	98.5	98.5 99.1		98.5	98.5 99.2	98.5	98.5 99.2	98.5	98.5 99.2	98.5 99.2	98.5	98.5	98.5
≥ 1500	97.7 97.8	99.1 99.5	99.2	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 1000	97.8 97.8	99.5 99.6	99.7	99.8		1::0.0	100.0	100.0	102.0	100.0	100.0	ביסטו	100.0	inn a	100.0	00.0
≥ 800	97.8 97.8	99.5		99.8	99.9	1 5.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	03.0	0.00	
≥ 500	97.8	99.6	99.7 99.7								100.0				100.0	
≥ 400	97.8	99.6 99.6	99•7 99•7								100.0				100.0	
≥ 200	97.8		99.7	99.8							100.0					
≥ 0	¥7.8	99.6	99.7	99.8	99.9	170.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 931

LISAF FTAC HILLAR 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLE

3534

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CEILING VERSUS VISIBILITY

22521

HONOLULU IAP HI

70-79

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	IBILITY (ST	ATUTE MIL	ES)						
(FEET)	≥10	≥6	≥ 5	≥4	≥3	≥2⅓	≥2	≥1%	≥114	≥1	≥ %	≥ %	≥ %	≥5/16	≥ \.	≥0
NO CEILING ≥ 20000	59.5 68.2	59.5 68.2	59.5 68.2	59.5 68.2	59.5 68.2	59.5 68.2	59.5 68.3	59.5 68.3	59.5 68.3	59.5 68.3	59.5 68.3	59.6 68.3	59.6 68.3	59.6 68.3	59.6 58.3	59.6 68.3
≥ 18000 ≥ 16000	58.4 68.7	58.5 68.7	38.5 38.7	68.5 68.7	68.5 68.7	68.7	6.8.5 58.8	68.5 68.8	68.5 68.8	68.5 68.8	68.5 68.8	58.5 68.8	68.5 68.8	68.5 68.8	68.5 68.8	68.5 68.8
≥ 14000 ≥ 12000	69.3 70.8	69.4 7.1.8	69.4 73.8	69•4 7∴•8	69.4	69.4 70.8	69.4 70.8	69.4 70.8	69•4 78•8	69.4 73.8	69.4 70.8	69.4 70.8	69.4 70.8	69.4 73.8	69.4 70.8	69.4 70.8
≥ 10000 ≥ 9000	72.3 72.9	72.4 72.9	72.4	72.4 72.9	72.4 72.9	72.4 72.9	72.4 73.0	72.4 73.2	72.4 73.0	72.4	72.4 73.0		72.4 73.0	72.4 73.0	72.4 73.0	72.4 73.0
≥ 8000 ≥ 7000	73.2 73.3	73.3 73.3	73.3 73.3	73.3 73.3			73.3 73.4	73.3 73.4	73.3 73.4	73.3 73.4	73.3 73.4		73.3 73.4	73.3 73.4	73.3	73.3 73.4
≥ 6000 ≥ 5000	73.8 79.6	73.9 79.8	73.9 79.8	73.9 79.8	73.9 79.8		73.9 79.8	73.9 79.8	73.9 79.8	73.9 79.8	73.9 79.8	73.9 79.8	73.9 79.8	73.9 79.8	73.9 79.8	73.9 79.8
≥ 4500 ≥ 4000	92.9	90.8 93.2				93.8 93.3	90.9 93.3	90.9 93.3	90.9 93.3	93.3	90.9 93.3	9(°•9	90.9 93.3	90.9 93.3	90.9 93.3	98.9
≥ 3500 ≥ 3000	43.7 44.9	94.3	94.0 95.3	94.J 95.3		94 • 1 95 • 3	94.1 95.3	94.1 95.3	94.1 95.3	94•2 95•4	94.2 95.4	94.2	94.2	94.2 95.4	94.2	94.2 95.4
≥ 2500 ≥ 2000	96.5 97.9	96.9 98.5		96.9 98.7		97.0 98.8	97.0 98.8		97.1 98.8	97.1 98.8	97.1 98.8	97.1 98.8	97.1 98.8	97 • 1 98 • 8	97 • 1 98 • 8	97.1
≥ 1800 ≥ 1500	98.2 98.3	99.0 99.2		99.1 99.4	99.2	99.2	99.2 99.6		99.2 99.6	99.3	99.3 99.6	99.3	99.3	99.5	99.3	99.3
≥ 1200 ≥ 1000	98.4 98.5	99.4 99.4					99.8 99.9			99.9 105.0		,	99.9	1	1	99.9
≥ 900 ≥ 800	98.5 98.5	99.4 99.4								199.9 199.0		199.6		100.0	100.0	100.0
≥ 700 ≥ 600	98.5 58.5	99.4 99.4	1				99.9		99.9 100.0	100.0	100.0	100.0	130.0	100.0	100.0	00.0
≥ 500 ≥ 400	98.5 98.5	99.4 99.4					99.9 99.9			100.0		100.0	100.0	100.0 100.0	100.0	.00.u
≥ 300 ≥ 200	98.5 98.5						99.9 99.9				100.1 100.1	100.0	100.0 100.0	100.0 100.0	100.0	100.0
≥ 100 ≥ 0	98.5 98.5		99.7 99.7				99.9						100.0		100.7	100.0

TOTAL NUMBER OF OBSERVATIONS 74

USAF ETAC 101.64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

HONOLULU IAP HI

73-80

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

VISIBILITY (STATUTE MILES) CEILING (FEET) ≥1% NO CEILING 56.4 56.4 56.4 56.4 56.4 56.4 56.4 56.4 56.4 56.4 55.4 56.4 56.4 56.4 56.4 66. 56.3 66.3 ≥ 18000 66.5 66.5 66.5 66.5 56.5 66.5 66.5 66.5 66.5 66.5 66.5 66.5 66.5 66.5 ≥ 16000 66.8 66.8 66.8 66.8 66.8 66.8 66.8 66.8 66.8 66.8 66.8 ≥ 14000 ≥ 12000 67.7 67.7 67.7 67.7 67.7 67.7 67.7 67.7 67.7 67.7 57.7 67.7 67.7 59.2 69.3 59.3 69.3 69.3 69.3 69.3 69.3 69.3 69.3 ≥ 10000 ≥ 9000 70.6 70.6 73.6 70.6 70.6 75.6 73.6 71.2 71.2 ≥ 8000 ≥ 7000 71.5 71.5 71.5 71.5 71.4 71.5 71.5 71.5 71.5 71.5 71.5 71.5 71.5 71.5 71.5 71.5 71.5 71.5 ≥ 6000 ≥ 5000 72.; 72.1 72.1 72.1 79.7 79.7 79.7 79.7 72.1 72.1 72.1 72.1 72.1 72.1 72.1 79.7 79.7 79.7 79.7 79.7 79.7 79.7 79.7 ≥ 4500 ≥ 4000 91.6 91.5 91.6 91.5 94.4 94.4 94.4 94.4 91.5 91.5 91.5 91.6 91.6 91.6 91.6 91.6 91.6 91.6 91.6 94.4 94.4 94.3 94.3 94.4 94.4 94.4 94.4 94.4 95. 95. 95.0 95.0 95.6 95.6 95.6 95.7 95.7 95.7 95.7 95.7 95.7 95.7 95.7 25.7 95.7 2500 97.4 97.4 97.4 97.4 97.5 97.5 97.5 97.4 97.4 97.5 97.5 97.5 97.5 99. 99.1 99 ... 99 . 1 99 . 1 99 . 1 99 . 1 99 . 1 99.0 99.1 99.1 78.6 99.2 99.3 99.4 99.4 99.4 99.6 99.6 99.7 99.7 99.8 99.5 1000 99.7 99.8 99.8 99.9 99.91 99.91 no. ob to. ob no. ob un. ob ob ob ob ob ob ob ob 99.7 99.8 99.3 99.9 99.9 99.9100.0100.0100.01.00.01.00.01.00.01.00.0 n.ut n. an de. an de. an de. and an and e. e. e. e. e. e. e. e. e. e. 99.7 99.8 700 99.5 99.7 99.7 99.9 99.91 na altan altag altag altag altag altag altag altag altag 99.8 99.8 99.7 99.5 99.7 99.8 99.8 99.9 99.9 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 99.9 99.91.00.01.00.01.00.01.00.01.00.01.00.01.00.01.00.01.00.0

TOTAL NUMBER OF OBSERVATIONS R7642

USAF ETAC JULIA 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLET

PART D

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SKY COVER

This summary is prepared from hourly observations and is a percentage frequency distribution of total sky cover by tenths, plus mean sky cover, and total number of observations. It is presented in two tables as follows:

- 1. By month and annual all hours and all years combined.
- 2. By month by standard 3-hour groups.
- NOTE: #1: Sky cover (total cloud amount) was not reported by U. S. Services until mid 1945. Data, when available, were punched for Air Force stations beginning in 1946, but were not available for Navy stations until 1948 or 1949. Weather Bureau stations recorded total cloud amount in remarks beginning sometime in 1945, but few stations have punched data prior to 1948. This summary will, of course, be limited to period of available data.
- NOTE: # 2: Some sources of punched data used for this summary report cloud amounts in oktas. These have been converted to tenths prior to summarizing, and notation is made on the form to indicate that data were originally reported in oktas. The manner of conversion is given below:

OKTAS	TENTHS
0	0
5 1	3
3 4	4 5 6
5 6	6 8
7 8 (or obscured)	9 10
o (or obscured)	10

D - 4

SKY COVER

22521

HONOLULU IAP HI

71-8û

JAN

STATION

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STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS				PERCENTAGE	FREQUENC	Y OF TENTH	S OF TOTAL	SKY COVER	₹		_	MEAN	TOTAL
MONTH	(L.S.T.)	0	1	2	3	4	5	6	7	8	9	10	SKY COVER	NO, OF OBS
JAN	30-02	15.5	3 • 2		31.6	2 • 3	1.5	1.6		2.2	22.0	20.3	5.4	931
	13-35	16.7	1.4		33.2	• 1	• 5	• 3		1.5	23.4	22.8	5•6	931
	76-38	11.7	2 • 8		33.2	2.5	1.7	1.1		4 • 1	23.0	7•62	5.7	929
	9-11	5.2	• 5		44.6	•6	• 2	• 3		• 9	25•3	22.4	5.9	93
	12-14	1.2	1.6		43.2	3 • 7	2.0	2.0		3.1	22.7	20.4	6.0	93
	15-17	2.4	• 6		47.6	. 4	1.0	• 4		• 3	24.8	22.4	5.0	930
	18-25	4.7	3.7		41.5	1.8	2.5	1.5		2.7	22.3	19.4	5.7	93
	21-53	13+0	1.7		41.1	• 2	• 4	•3		•8	19.2	23.2	5.4	93
														
10	TALS	8.7	1.9		39.5	1.5	1.2	•9		2.3	22.8	21.4	5.7	743

USAFETAC

JUL 64 0-9-5 (OL A)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

SKY COVER

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STATION

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STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS				PERCENTAGI	FREQUENC	Y OF TENTH	S OF TOTAL	SKY COVER	!			MEAN	TOTAL
MONIH	(LST)	0	1	2	3	4	5	6	7	8	9	10	SKY COVER	NO OF OBS
FEB	00-02	17.2	2.9		33.1	2.4	2.1	1.3		3.7	23.3	14.0	5.1	849
	93-05	17.8	1.2		36.5	• 9	• 2	• ti		1.1	25.0	17.7	5.2	849
	36-85	13.7	3.7		33.6	2.1	1.9	1.3		3.9	24.1	15.8	5.4	848
	39-21	7.5	• 5		45.8	.4	•6	•1		.9	25.2	19.0	5.7	849
	12-14	2.0	2. ປ		4 3	2.7	2.8	1.9		4.7	25.8	18.5	5.1	849
	15-17	2.1	• 1		44.9	• 5	• 7	• 1		2.7	31.1	18.5	6.2	849
	15-29	6.1	3.5		41.1	2 • 4	2.8	1.2		3.9	21.9	17.1	5.6	849
	21-23	16.4	1.4		41.2	• 5	• 6	• 4		1.1	23.1	15.4	5.0	849
	<u> </u>								<u> </u>					
10	TALS	10.4	1.9		39.6	1.5	1.5	• 8	ļ 	2.5	24.9	16.9	5 • 5	679

USAFETAC FORM 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

SKY COVER

22521 HONOLULU IAP HI

71-80

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STATION

STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS				PERCENTAG	E FREQUENC	Y OF TENTH	S OF TOTAL	SKY COVER	?			MEAN TENTHS OF	TOTAL NO OF
MONIN	(L.S.T.)	0	1	2	3	4	5	6	7	8	9	10	SKY COVER	OBS
MAR	.u-02	8.5	2.4		38.4	2.4	1.9	1.7		3.0	21.7	19.9	5.7	930
	03-05	8.2	1.0		38.9	•8	• 3	• 3		• 9	26.9	22.8	6.0	936
	99-98	5.7	2.4		35.4	3.7	1.7	1.8		3.3	24.3	21.3	6.0	929
	~9-11	2.6	• 2		42.5	• 5	• 4	1.2		•6	31.0	21.0	6.3	939
	12-14	• 8	• 8		36.8	3.7	3.9	2.2		4.5	26.5	21.0	6.4	930
	15-17	• 8	• 5		43.0	1.1	•6	•5		.6	31.4	21.4	5.4	930
	18-20	2.5	2.5		36.3	2.5	3.0	2.3		3.9	26.8	29.3	6.3	929
	21-23	6.5	•9		45.2	•5	• 2	• 4		•9	25.2	20.2	5.8	931
10	TALS	4.5	1.3] 	39.7	1.8	1.5	1.3		2.2	26.7	21.0	6.1	743

USAFETAC FORM 0-9-5 (OL A)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

SKY COVER

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STATION NAME

PERIOD

HINGM

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

монтн	HOURS				PERCENTAGE	FREQUENC	Y OF TENTH	S OF TOTAL	SKY COVER				MEAN TENTHS OF	TOTAL NO. OF
MUNIA	(L.S T)	0	1	2	3	4	5	6	7	8	9	10	SKY COVER	OBS
APP	25-25	3.8	1.9		33.4	3.4	1.7	2.3		4.7	28.3	23.8	6.4	900
	: 3-ù5	5.8	1.7		38.9	•3	•5	• 3		1.1	29.7	22.3	6.2	900
	16-38	2.3	2.2		35.7	2.7	2.1	2.2		4.3	30.6	_8.5	5.4	900
	69-11	• 3	•1		40.6	.8	• 3	•4		1.6	34.0	22.4	5.7	980
	12-14		• 6		33.4	3.3	3.8	3.2		4.2	31.3	23.1	5.7	900
	15-17	• 2	• 1		4-3-6	٤.	• 1	• 1		1.9	31.4	25.9	6.8	900
	18-20	• 3	1.4		34.2	4.0	2.2	2.3		5.2	26.7	23.6	6.6	900
	21-23	3.4	• 2		38.7	• 5	• 4	•8		1.3	31.6	23.8	6.5	900
													<u> </u>	
										ļ			<u> </u>	
10	TALS	2.3	•9	[36.9	1.9	1.4	1.5		2.9	30.4	22.1	6.5	7200

USAFETAC JUL 64 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SKY COVER

22521 HONOLULU IAP HI

71-83

MAY

STATION

STATION NAME

PERIOD

HTHOM

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS				PERCENTAGE	E FREQUENC	Y OF TENTH	S OF TOTAL	SKY COVER	<u> </u>			MEAN TENTHS OF	TOTAL NO OF
MONTH	(,1,2,1)	0	1	2	3	4	5	6	7	8	9	10	SKY COVER	OBS
MAY	16-02	4.3	2.5		41.0	2.4	2.4	2.2		4.9	27.7	12.9	5.8	930
	-3-05	8.2	1.3		41.5	• 3	• 2	• 9		• 9	32.8	14.0	5.8	930
	::6-08	2.4	2.2		42.2	1.5	2.5	2•9		4.7	29.5	13.0	5.9	936
	39-11	•5	• 3		44.8	• 4	1.1	• 8		1.0	38.0	13.1	6.3	930
	12-14	• 3	• 2		40.7	4.6	3 • a	1.8		6.1	29.3	14.9	5.2	929
	15-17	. 4	• 2		43.5	• 3	• 9	• 2		• 8	33.7	20.1	5.5	927
	18-20	1.2	1.5		35.6	3.1	2•5	1.6		5.9	28.7	18.9	5.5	927
	21-23	2.5	•6		46.8	• (t	•6	• 3		1.1	30.4	17.0	6.0	927
										 				
τo	TALS	2.5	1.1		42.0	1.5	1.7	1.2		3.3	31.1	15.5	6 • 1	7430

USAFETAC FORM 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

SKY COVER

22521

HONOLULU IAP HI

70-79

JUN

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STATION NAME

PERIOD

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

монтн	HOURS				PERCENTAGE	FREQUENC	Y OF TENTH	S OF TOTAL	SKY COVER				MEAN TENTHS OF	TOTAL NO OF
MONIA	(L S.3.)	0	1	2	3	4	5	6	7	8	9	10	SKY COVER	OBS
10%	`u−02	3.7	1.6		35.2	2 • -	1.3	2.Û		4.8	33.2	16.2	5.3	900
	73-05	5•1	• 4		39.7		• 3	• 1		• 6	33.4	20.3	6.3	930
	30-63	1.9	1.7		37.8	2.0	1.9	2.0		4.5	30.7	17.5	5.3	899
	9-11	• 2			39.2	• 3	• 3	•2		• 7	42.0	17.5	5.8	899
	12-14				31.4	2.7	4.6	2.0		6.3	38.6	14.4	5.8	900
	15-17		•2		44.9			• 2		• 5	37.0	17.1	5.4	900
	18-23	•2	1.6		40.1	2.5	2.1	1.3		5.1	28.4	18.5	5.3	980
	21-23	1.7	• 1		42.9	• 3	• 4	• 4		•7	38.9	15.4	6.4	900
													ļ	
	<u> </u>													
10	TALS	1,6	•7		38.9	1.2	1.4	1.0		2.9	35.2	17.1	6.5	7198

USAFETAC FORM 0.9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

SKY COVER

22521

HONOLULU IAP HI

73-79

JUL

STATION

STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

монтн	HOURS				PERCENTAGE	E FREQUENC	Y OF TENTH	S OF TOTAL	SKY COVER	1			MEAN TENTHS OF	TOTAL NO OF
MONIA	(L.S.T.)	0	1	2	3	4	5	6	7	8	9	10	SKY COVER	OBS
JUL	. 6-02	3.2	2 • 8		46.6	2.7	1.8	1.9		4.2	28.8	8•≀	5.5	930
	^3 - 35	6.5	• 5		45.9	•2	• 1			• 4	33.4	12.9	5.7	930
	∂6 - 08	2.4	2.8		48.2	2.7	1.3	1.9		4.8	27.7	9.0	5.5	935
	39-11	• 3			56.1	• 2	• 3	• 3		1.1	32.4	9•2	5.7	930
	12-14		• 4		48.2	3.5	3.9	1.3		5.5	29.0	8.2	5.7	930
	15-17	• 2		``	57.7	•9	• 2	• 1		.4	30.5	10.G	5•6	929
	18-20	2.0	2.7		46.8	2 • 3	2.8	1.3		4.2	28.8	9•D	5.6	929
	21-23	3.8		!	53.C		• 3	•1		•5	32.5	9.8	5.6	930
										-				
	<u></u>													
TO	TALS	2.3	1.2		50.3	1.6	1.3	• 9		2.5	30.4	9.5	5.6	7438

USAFETAC

FORM 0-9-5 (OL A

REVIOUS EDITIONS OF THIS FORM ARE ORSOLES

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SKY COVER

HONOLULU IAP HI 22521

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AUG

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS				PERCENTAG	FREQUENC	Y OF TENTH	S OF TOTAL	SKY COVER	!			MEAN TENTHS OF	TOTAL NO OF
MONTA	(L.S.T.)	0	1	2	3	4	5	6	7	8	9	10	SKY COVER	OBS
AUG	36 - 62	6.3	2.7		47.7	3.5	1.8	2.4		4.2	24.3	7.3	5.1	930
	33-J5	9.9	.8		49.7	•3	• 1	•2		•5	3G.3	8.2	5.1	930
	1.6-08	2.6	2.9		47.3	2.5	1.6	1.2		4.8	28.9	2.1	5.5	930
	7.9-11	•1			54.0	•6	• 2	•1		•5	35.7	8.7	5.8	930
	12-14	•3	• 4		52.0	3.1	2.2	2.5		2.8	27.3	9.3	5.6	929
	35-17	.4	•1		55.5	•8	• 2	•1		•2	31.0	11.6	5.7	936
	18-20	1.6	3.1		51.5	3.2	1.5	1.1		4.0	22.8	11.2	5.3	929
	21-23	4.5	• 4		56.8	•1	• 3	•1		•2	27.8	9•7	5•2	930
<u></u> -														
													1	
10	TALS	3.2	1.3		51.8	1.8	1.0	1.G		2.2	28.5	9.2	5.4	743

USAFETAC PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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SKY COVER

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HONOLULU TAP HI

70-79

SEP

STATION

STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

нтиом	HOURS				PERCENTAGE	FREQUENC	Y OF TENTH	S OF TOTAL	SKY COVER	1			MEAN TENTHS OF	TOTAL NO OF
MONIH	(L.S.T.)	0	ì	2	3	4	5	6	7	8	9	10	SKY COVER	OBS
SEP	7J-02	8.4	4.4		51.2	2.4	2.0	1.6		3.7	20.7	5.6	4.6	900
	03-05	14.7	.8	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	51.5		•6	•1		• 4	25.5	5.5	4.6	899
	Jo-38	5	4.6		19.2	2.3	1.6	1.6		3.4	26.3	6.5	5.7	900
	-9-11	• 7	• 1		56.0	1.0	. 7			• 1	33.1	8.3	5.6	900
	1 < - 14	• 1	• 4		44.7	3.3	2.8	2.1		4.9	31.6	10.1	6.0	900
	15-17		• 1		52.2	•1	• 1	•1		.4	33.3	13.6	5.0	900
	15-20	1.7	2.6		48.8	2.9	1.8	2.0		4.9	25.1	10.3	5.5	900
	21-23	5 • 4	•6		57.8	•3	•3			• 3	28.3	6.9	5.0	900
	 													
	· · · · LS	4.5	1.7		51.4	1.5	1.2	•9		2.3	28.1	8.3	5.3	7199

USAFETAC FORM 0-9-5 (OL A) *REVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

SKY COVER

22521

HONOLULU IAP HI

79-79

OCT

STATION

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STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS				PERCENTAGE	FREQUENC	Y OF TENTH	JATOT 10 2	SKY COVER				MEAN TENTHS OF	TOTAL NO OF
MUNIH	(L.S.T.)	С	1	2	3	4	5	6	7	8	9	10	SKY COVER	OBS
OCT	90-02	9.6	2•9		40.3	2.7	2.3	1.0		3.3	21.5	15.5	5 • 4	93
	· 3-J5	15.1	1.5		43.5	• 1	•1			• 5	23.1	16.3	5.1	93
	76-08	6.2	2.7		41.4	2.5	1.9	1.2		3.4	24.2	16.3	5.6	93
	c 9-11	2.4	• 3		49.4	•3	• 3	•1		• 3	31.2	15.7	5.9	93
	12-14	•2	• 3		41.3	4 • 1	3.5	1.5		4.0	30.4	14.6	6.2	93
	15-17	• 2			44.2	•5	• 3			1.0	36.0	17.7	6.5	93
	18-20	1.7	2.9		4 3	2.0	2.2	1.1		4.6	25.1	19.9	5.2	93
	21-23	8.1	• 5		43.7	•2		•1		•5	28.4	18•4	5.8	93
	 											<u> </u>		
10) TALS	5.4	1.3	-	43.0	1.6	2.3	•6		2.2	27.6	15.9	5.8	744

USAFETAC $\int_{\text{JUL }64}^{\text{FORM}}$ 0-9-5 (OL A, Previous editions of this form are obsolete

SKY COVER

22521

HONOLULU IAP HI

79-79

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STATION

STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS			_	PERCENTAGE	FREQUENC	Y OF TENTH	S OF TOTAL	SKY COVER	₹		_	MEAN	TOTAL
MONTH	(LST)	0	1	2	3	•	5	6	7	8	9	10	TENTHS OF SKY COVER	NO OF OBS
NOV	tu-02	9.3	2 • 8		37.8	1.7	2.3	2.3		5.4	21.3	16.6	5.5	900
	3-05	19.8	1.0		39.4	1.0	• 7	.8		1.1	29.3	15.9	5.6	900
	76-58	6.3	3.6		38.2	2.2	1.9	2.5		3.2	27.2	15.3	5.7	900
	. 9-11	3.1	• 1		44.7	•7	• 8	• 7		1.0	28.4	27.6	5.1	900
	12-14	• 4	1.0		36.6	2.8	3.4	1.4		3.5	32.2	18.6	5.5	930
	15-17	• 4	• 1		42.7	•7	• 7	• 1		1.3	30.3	23.7	5.6	900
	16-20	3• !	2.2		38.7	2.1	2.8	1.0		4.6	24.7	Ž1.0	6.2	900
	21-23	9.2	1.1		4 8	• 2	• 2	•9		• 8	29.3	17.5	5 • 8	899
												i		
TO	TALS	5.4	1.5		39.9	1.4	1.6	1.2		2.6	27.8	18.7	6.0	7199

USAFETAC JUL 64 0-9-5 (OL A) PREVIOUS EDITIO IS OF THIS FORM ARE OBSOLETE.

SKY COVER

22521

HONOLULU IAP HI

70-79

DEC

STATION

STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS				PERCENTAG	FREQUENC	Y OF TENTH	S OF TOTAL	SKY COVER	₹			MEAN TENTHS OF	TOTAL NO OF
MONTH	(L.S.T)	0	1	2	3	4	5	6	7	8	9	10	SKY COVER	OBS
DEC	10 = 32	14.2	2.7		36 • ♀	1.5	1.3	1.4		2.8	25.2	14.9	5.3	930
	03-05	14.9	1.1		49	• 3	• 3	• 3		• 9	24.5	16.8	5.2	929
	36-08	9.6	3.0		4.7.9	1.4	1.6	•6		2.9	25.2	14.8	5.4	930
	JS-11	4.4	• 2		49.1	• 6	• 6	• 2		1.0	26.2	17.5	5.7	938
	12-14	1.3	1.4		46.9	2.5	3 • C	1.3		3,4	23.2	17.4	5.8	930
	15-17	2.1	• 2		48.9	•6	• 3			1.1	26.5	20.3	5.0	929
	18-20	5.6	2 • 4		43.2	2.5	2.4	. 8		3.7	23.9	17.6	5.7	931
	21-23	11.3	1.3		45.4	• ti	• 4	• 4		• 6	24.5	15.9	5.3	930
										<u> </u>				
to	TALS	7.9	1.5		43.7	1.2	1.2	•6		2.1	24.9	16.9	5.6	7438

USAFETAC

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C

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FORM 0-9-5 (OL A

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

SKY COVER

45624

HONOLULU IAP HI

70-80

ALL

STATION

C

STATION NAME

PERIOR

HTHOM

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS				PERCENTAG	E FREQUENC	Y OF TENTH	S OF TOTAL	SKY COVER	!	-		MEAN	TOTAL NO OF
HINOM	(LST)	0	1	2	3	4	5	6	7	8	9	10	SKY COVER	OBS
PAL	ALL	8.7	1.9	!	39.5	1.5	1.2	• 9		2.5	22.8	21.4	5.7	7439
FE5		1.04	1.9		39.6	1.5	1.5	8.		2.6	24.9	16.9	5.5	5791
MAR		4.5	1.3		39.7	1.3	1.5	1.3		2.2	26.7	21.6	6.1	7438
APR.		2.1	•9		36.9	1.9	1.4	1.5		2.9	37.4	22.1	5.5	7200
MAY		2.5	1 • 1		42.0	1.6	1.7	1.2		3.3	31.1	15.5	5 • 1	7438
JUN		1.5	• 7		38.9	1.2	1.4	1.0		2.9	35.2	17.1	6.5	7198
JUL		2.3	1.2		5 .3	1.5	1.3	•9		2.5	30.4	9.5	5.6	7438
AUG		3.2	2 • 3		51.8	1.8	1.0	1.0		2.2	28.5	9.2	5.4	7438
SEP		4 • 5	1.7		51.4	1.5	1.2	•9		2.3	28.1	8.3	5.3	7199
ост		5.4	1.3		43.0	1.5	1.3	•6		2.2	27.6	16.9	5.8	744
NOV		5.4	1.5		39.9	1.4	1.6	1.2		2.5	27.8	18.7	5.0	719
DEC		7.9	1.5		43.7	1.2	1	•6		2.1	24.9	16.9	5.6	743
101	TALS	4.9	1.4		43.1	1.5	1 • 4	1.0		2.5	28.2	16.1	5.8	8764

USAFETAC CORM 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

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U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART E

PSYCHROMETRIC SUMMARIES

In this section were presented various summaries of dry- and wet-bulb temperatures, dew points, and relative humidity. The order and manner of presentations follows:

- 1. Cumulative percentage frequency of occurrence derived from daily observations and presented by mont and annual for all years combined. These tabulations provide the cumulative percentage frequency to tenths of temperature by 5-degree Fahrenheit increments, plus mean temperature, standard deviations, and total number of observations in three separate tables as follows:
 - a. Daily maximum temperatures
 - b. Daily minimum temperatures
 - c. Daily mean temperatures

NOTE: Beginning in January 1964, daily maximum and minimum temperatures are routinely selected from hourly observations recorded on surface observing forms or from automated data collections for all Air Force operated stations. For those stations observing less than 24 hours per day, and where maximum and "'limim temperatures are required but not recorded, these are also selected from hourly data from as et ly as January 1949 and later. Please refer to notations on summary pages and Station Historical for further information on reporting practices of individual stations.

- 2. Extreme values derived from daily observations with the extreme value selected for each year and mon record available. An annual (ALL MONTHS) value is selected when all months for a year have valid extract.

 Means and standard deviations are computed for mouths and annual when four or more values are present any column. Two tables of daily extremes are prepared:
 - a. Extreme maximum temperature
 - b. Extreme minimum temperature

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NOTE: The following symbols are used in the extreme data blocks:

- (1) * indicates the extreme was selected from a month with one or more days missing.
- (2) # indicates the extreme was selected from a month in which hourly temperatures were available for less than 24 hours for at lesst one day in the month.

r with his do the include measurements for

Continued on Reverse

- 3. Bivariate percentage frequency distribution and computations of dry-bulb versus wet-bulb temperature.

 This tabulation is derived from hourly observations and is presented by month and annual, all hours and years combined. The following information is provided:
 - a. The main body of the summary consists of a bivariate percentage frequency distribution of wet-bulb depression in 17 classes spread horizontally; by 2-degree intervals of dry-bulb temperature spread vertically. Also provided for each of the dry-bulb intervals is the percentage of observations with dry-bulb and wet-bulb temperature combined; and again for dry-bulb, wet-bulb, and dew-point temperatures separately. Total observations for these four items is also provided in two lines at end of each tabulation table, which may be continued on several pages.

NOTE: A percentage frequency in this table of ".0" represents one or more occurrences amounting to less than .05 percent.

- b. Statistical data for the individual elements of relative humidity, dry-bulb, wet-bulb, and dev-point temperatures are shown in the section at the bottom left of the forms. These consist of the sum of squares (ΣX^2) , sums of values (ΣX) , means (X), and standard deviations (σx) . The number of observations used in the computation for each element is also shown.
- c. At the lower right of the form are given the mean number of hours of occurrence for six ranges of dry-bulb, wet-bulb, and dew-point temperatures, and total number of hours possible in the period represented. Mean number of hours is shown to tenths and indicates mean number of hours per year in the annual summary, or mean number of hours per month in the tabulation by month.
 - NOTE: Wet-bulb temperature usually was not reported prior to 1946. Relative humidity usually was not reported prior to 1949, nor subsequent to June 1958; and was computed by machine methods for observations recorded during these periods. All values of dew-point temperature and relative humidity are with respect to water, unless otherwise indicated.
- 4. Means and standard deviations These tabulations are derived from hourly observations and present the mean, standard deviation, and total number of observations for the eight standard 3-hour groups, by ments and annual and again at the bottom for all hours combined. Records for all years combined are presented in the following three tables; DRY-BULB TEMPERATURE, WET-BULB TEMPERATURE, and DEW-POINT TEMPERATURE.
- 5. Cumulative percentage frequency of occurrence of relative humidity This summary is derived from a urly observations and presents the cumulative percentage frequency of occurrence of relative humidity by increments of 10% classes, plus the mean relative humidity and total number of observations in two tables.
 - a. Table 1 is prepared by month and annual, all years combined, with month being the vertical argument.
 - b. Table 2 is prepared by month by standard 3-hour groups, with the hour groups being the vertical argument and a separate page for each month. All years are also combined for this summary.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
ATR WEATHER SERVICE/MAC
20023 HONOLULU TAP HT
STATION NAME

DAILY TEMPERATURES

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM DAILY OBSERVATIONS)

MAXIMUM

	TFMP (°F)	JAN.	FEB	MAR	APR.	MAY	JUN.	JUL	AUG	SEP.	OCT.	NOV.	DEC	ANNUAL
≥	3		• i			• 6	1.7	4.7	15.1	11.7	5.4	• 6		3 • 2
≥ ′	8.5	1.8	2.8	5.6	12.4	33.2	52.4	75.3	87.6	88.2	67.8	31.1	5.3	39.2
≥	,6	58.2	57.7	65.8	81.4	74.5	99.7	99.8	99.9	99.9	99.5	92.4	57.0	84.5
≥	75	75.8	95.5	97.3		1 10	100.3	133.3	100.5	103.3	99.9	99.8	98.2	99.8
≥	7,	99.8	150.0	99.9	100.0						100.0	100.3	130.0	107.7
≥	55	100.0		100.0										183.3
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=	MEAN	79.6	79.7	80.3	81.6	83.5	85.1	85.0	85.9	86.9	85.5	83.1	83.4	83.2
	5 D	D .								2.132				3.553
	TOTAL OBS	1271			1230			1238		1230		1230	1271	14821

USAFETAC FORM 0-21-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE DESOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC
2.2521 HONOLULU IAP HI
STATION NAME

DAILY TEMPERATURES

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM DAILY OBSERVATIONS)

MUMINIM

2 75							•	UAIL! OD							
2 75		TEMP (*F)	JAN	FEB	MAR.	APR.	MAY	אטנ	JUL.			OCT.			ANNUAL
2	≥ _		• 5		ı î	• 3	4.09	8.7	23.5	38.5	27.5	16.1	3.1	• 9	10.0
2 5 99.7 99.7 1/.0.1 10J.C 10J	≥	7	14.5	13.4	23.1	39.8	65.5	92	97.3	نا • 98	92.2	82.9	59.3	31.8	58.8
2 55 99.7 99.7 11.5.0 10.0 10.0 10.0 10.0 10.0 10.0 10	≥ _	65	58.5		78.7	92.	99.1	124.0	170.3	100.0	100.3	99.5	94.3	79.2	88.9
2	≥	5	94.3	94.5	97.1	99.8	123.3					100.0	99.7	97.0	98.5
E	≥	55	99.7	99.7	11.0.0	10006							150.3	99.9	99.9
E	≥	5	1.6.	133.00								(1	130.0	130.0
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EAN 55.4 65.7 66.8 68.5 7.01 72.0 73.0 73.0 72.0 69.8 67.3 69. S.D. 3.775 3.463 3.266 2.664 2.269 1.963 1.869 1.999 2.256 2.568 3.070 3.508 4.03									1			1		\	
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EAN 55.4 55.7 66.8 68.5 7.01 72.0 73.0 73.0 72.0 69.8 67.3 69. S.D. 3.775 3.463 3.266 2.664 2.269 1.963 1.869 1.999 2.256 2.568 3.070 3.508 4.03			<u> </u>	1		 			<u> </u>			1			
EAN 55.4 55.7 66.8 68.5 7.1 72.0 73.1 73.9 73.0 72.0 69.8 67.3 69. S.D. 3.775 3.463 3.266 2.664 2.269 1.963 1.869 1.999 2.256 2.568 3.070 3.508 4.03	-			† <i></i>	 	† -			 	!	 -		1	 	
s.p. 3.775 3.463 3.266 2.664 2.269 1.963 1.869 1.999 2.256 2.568 3.070 3.508 4.03				†	 	 	 		 		1		1		
s.p. 3.775 3.463 3.266 2.664 2.269 1.963 1.869 1.999 2.256 2.568 3.070 3.508 4.03	===	MEAN	55.4	65.7	66.8	68.5	7:01	72.0	73.1	73.9	73.0	72.0	69.8	67.3	69.8
	_	S. D.											3.070	3.508	4.431
TOTAL OBS 127. 1159 1271 1236 1271 1230 1238 1209 1200 1271 123. 1271 1482		TOTAL OBS				1236						1271			14821

USAFETAC FORM 0-21-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOSAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC
22021 HONOLULU IAP HI
STATION NAME

DAILY TEMPERATURES

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM DAILY OBSERVATIONS)

MEAN

1	EMP (*F)	JAN,	FEB	MAR.	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV.	DEC	ANNUAL
≥	85								• 9	.4				• 1
≥	8			•2	1.1	9.1	35.2	56.5	76.3	67.7	41.0	8.5	٠٩	24.5
≥	7.5	23.6	28.5	42.6	65.5	98						84.3	46.4	73.4
≥	73	92.5	90.3	94.1	99.3	1 3.3	100.0	100.€				99.5		97.5
≥	5.5	99.8	99.8	100.0	100.0							103.3	133.0	103.0
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2	MEAN	72.7	72.0	73.0	75.3	77.11	78.8	70.0	811.6	60.2	70.0	75.7	74.1	75.7
	S D	1.56!	2.512	2.514	2.120	1.002	1.697	1 - 6 35	1.760	1.761	2.011	2.246	2.490	3.505
	OTAL OBS					1271					1271			14821

USAFETAC FORM 0-21-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

EXTREME VALUES.

MAXIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

HONOLULU TAP HI STATION NAME

39-8

YEARS

WHOLE DEGREES FAHRENHEIT

MONTH	JAN	FEB	MAR.	APR	MAY	NUL	JUL.	AUG.	SEP.	ост.	NOV	DEC	ALL MONTHS
39						84	85	86	37	85	82	82	
<u> </u>	يہ 8	8 3	85	8.5	87	86	88	88	88	9.3	88	84	90
ų Ţ	83	8.2	8.5	85	85	88	88	90	91	9₽	90	86	91
47.	8.8	ن ج	81	52	88		× 85		89	8.2	88	84	
43	8.5	83	86	86	86	87	87	88	88	88	85	84	88
1; 4	3.8	9.5	82	83	86	86	8.8	88	89	88	85	84	89
45	83	85	8.5	86	9 y	92	9.1	92	90	9.	88	87	92
46	8.5	84	85	8.5	9.3	92	9.1	. 92	92	89	9.1	83	92
4.7	34	04		ខ៩	કે 7	6 ò	9.3	89	89	88	88	84	90
48	8.2	83	8.2	34	85	86	88	89	89	87	8.5	8.,	89
49	8.4	81	81	8.)	85	85				86	83	82	
5 1	8.2	82	83	82	84	86	85	87	87	87	86	83	87
5.	32	8.3	83	83	84	8.6	87	89	នទ	87	85	82	89
52	3 2	32	81	81	83	84	85	88	85	85	84	8 }	88
53	83	84	83	84	85	85	85	88	87	86	82	81	88
54	8.3	82	84	85	84	85	85	88	87	86	86	83	88
55	8.3	80	81	82	82	83	85	85	86	84	84	95	86
56	84	82	82	35	84	84	87	88	87	86	85	84	88
57	84	81	81	85	86	87	87	90	88	90	27	86	90
58	84	8.6	85	86	83	86	88	87	88	88	89	84	89
39	8 6	83	85	86	88	88	89	92	92	90	88	85	92
5.	8.3	84	89	85	85	89	87	89	89	90	87	87	9 <u>0</u> 91
51	85	85	86	8.5	87	87	89	88	99	91	87	86	91
6?	84	85	84	86	86	88	89	87	88	68	86	84	89
63	8 (84	83	84	87	87	89	91	91	88	89	84	91
64	ر ع	34	84	86	8.5	87	87	98	89	88	86	84	90
65	۶.	85	83	€5	86	86	89	89	93	91	88	83	93
56	87	94	86	86	90		90		93	92	8.7	85	93
67	84	34	83	88	88	91	90	91	92	92	87	85	92
58	8.3	83	86	87	91	89	92	92	92	92	93	8.4	92
MEAN													
\$. D.													
TOTAL OBS.		MATEC		CEO AN	1 5 6 6								

NOTES * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0 88-5 (OLA)

H LAT LEAST OME DAY LESS THAN 24 ORS

EXTREME VALUES.

MAXIMUM TEMPERATURE

IFROM DAILY OBSERVATIONS)

55557

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O

HONOLULU IAP HI

39-84

YEARS

WHOLE DEGREES FAHRENHEIT

MONTH	JAN.	FEB.	MAR	APR.	MAY	JUN.	JUI.	AUG.	SEP.	ост	NOV	DEC	ALL MONTHS
65	82	85	84	36	88	ن 9	92	92	9 !	9.	9:1	٤٦ إ	92
7:	85	86	86	86	89	93	ار 9	92	88		85	86	92
7.4	8.	84	82	38	87	86	87	89	89	83	95	83	89
72	82	98	85	84	87	9.8	6.9	9.5	89	89	86	84	90
73	83	83	84	86	87	90	8 9	91	91	91	87	85	91
74	E 3		87	87	88	89	90	5 :	92	95	88	8.5	92
75	64	84	84	85	86	38	87	89	6.0	88	87	84	90
76	ê <u>4</u>	82	8.3	25	86	68		<u>9</u>	<u> </u>	اير و		ε7	91
77	£ 3	37	86	36	86	89	89	92	94	90	89	85	92
7 ₆	87	86	8.3	89	89	89	95	91	95	95	85	84	91
79 31.	8 : 8 4	85 84	85 83	86 85	9 ม 8 7	96	91	92	921	93	88	89	93
												•	
MEAN S.D.	33.4 1.644	83.6 1.972	84.(· 1.987	25.0 1.837	86.5 2.123	87.5 2.219	88.3 1.959	89.5 1.895	89•5 1•547	88.7	86.7 2.028	84.5	97.3 1.781
TOTAL OSS.	1271	1159	1271	123	1271	1200		1219		1271	1230	1271	14821
ICIAL CES.	1012		* (BA				ULL MO		1200	12/3	1430	16/31	74051

USAF ETAC FORM 0-88-5 (OLA)

(AT LEAST ONE DAY LESS THAN 24 085)

EXTREME VALUES.

MINIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

2.21 STATION HONOLULU IAP HI

39-83

YEARS

WHOLE DEGREES FAHRENHEIT

MONTH YEAR	MAL	FEB	MAR	APR	MAY	MUL	JUL	AUG.	SEP.	OCT.	NOV	DEC.	ALL MONTHS
39						68	67	68	66	68	56	52	
4 .	5 ê	57	59	65	58	69	7.3	72	68	_68	65	63	57
4.3	6 ~	56	6"	63	65	66	7 3	69	71	67	60	59	56
42	5 8	6€	58	60	56	}	* 73		71	68	68	63	
4.3	59	5.7	57	63	68	7:	73	72	58	68	62	62	57
५५ ।	6 :	60	60	54	6.5	69	<u>7</u> υ	<u>7.</u> ii	66	56	6.2	δi	60
45	53	6	64	50	65	70	68	75	68	65	64	59	58
4- 1	<u> </u>	62	6.5	63	63	70	7 U	7.0	75	62	63	59	59
7'	5 7	60	62	64	67	68	71	69	70	69	٤5	63	57
ಚ್ಛ	6 1	59	63	61	67	69	71	71	72	7:0	55	55	59
49	5	62	62	54	6.5	69	× 69			66	52	6.1	
5-	62	64	6 3	6.5	66	67	69	69	67	68	64	60	65
5.	67	57	62	62	67	68	7 u	72	69	69	78	56	57
<u> </u>	6.	6.3	61	<u> 65</u>	63	70	71	72	69	68	57	62	60
53	5 5	62	62	55	68	70	ات 7	70	69	66	64	57	57
54	3 3	58	57	61	64	72	7.	72	69	65	6 6	5.7	57
55	54	61	55	66	68	65	66	6.8	63	64	63	63	55
5 ú	6.2	52	61	52	67	69	68	71	69	68	64	. 59	59
57	61	.8	57	60	64	67	71	69	67	69	69	62	57
5ε	5	59	56	56	57	68	68	76	69	66	59	56	56 56
59	5 ઇ	59	52	53	65	66	69	7 .	71	5 8	56	(3)	56
6	5٤	56	59	64	66	<u>70</u>	7ú	72	7 ₺	68	65	ے 6	56
61	59		64	62	75	69	69	71	7:	67	56	54	59
52	63		62	65	56	69	_ 7년	71	59	:4	63	54	54 36
63	56	1	6	56	65	67	69	7.	6 8	65	64	63	36
54	54	64	62	46	65	65	69	70	ز 7	66	61	54	1
65	61	57	58		57	70	70	67	58	65	67	63	57
56	59	57	5 2	6.5	65	72	71	7ն	71	66	66	62	57
67	5%	62	6.1	62	68	68	72	71	59	69	65	59	59
68	59	62	65	64	56	68	73	69	ن 7	66	67	59	59
MEAN													
\$ D.													
TOTAL OBS.		NOTES		CEO ON	1								

NOTES * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0.88.5 (OLA

(AT LEAST ONE DAY LESS THAN 24 OBS)

EXTREME VALUES.

MINIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

2252 HCNOLULU IAP HI
STATION NAME

39-80

YEAR

WHOLE DEGREES FAHRENHEIT

MONTH	JAN.	FEB	MAR.	APR	MAY	JUN.	JUL	AUG.	SEP.	OCT.	NCV	DEC.	ALL MONTHS
59	5 ८	v 5	61	63	64	67	72	73	72	69	66	62	52
7.	58	52	65	69	7.5	70	72	74	68	68	63	65	58
71	56	54	64	65	6.5	65	7₺	58	68	64	64	60	56
72	5.3	54	6 _~ .	62	65	66	71	38	69	68	58	55	5 <i>3</i> 55
73	55	5 9	6.5	59	64	67	7	7:	68	67	55	58 !	55
74	6	6 u	5 8	63	66	67	67	67	69	68	<u> </u>	59	58 56
75	56	58	58	6 5	63	67	69	7.0	66	64	64	56	56
76	6.1	53	55	63	66	56	7.3	7 &	68	65	62	5.1	53
77	5 9	60	63	66	68	68	69	70	69	69	56	ś١	59
78	57	59	59	54	68	57	69	71	7 _.	66	63	5¢	57
79 91.	5 ? 5 6	61 58	58 61	65 65	6.5 6.7	55	68	68	68	67	60	51	57
MEAN	5 € € €	59.6	6₽•6		66 • ū	68.1	69.5		68.9	66.8	64•∄	60.6	57.1
5 D.	2.515				1.739	1.782		1.603	1.492	1.820	2.757	2.809	2.045
TOTAL OBS.	1271	1159		1230	1271	1200	1238	12119	1270	127!	1230	1271	14821

NOTES * (BASED ON LESS THAN FULL PONTHS)

USAF ETAC FORM 0-88 5 (OLA)

(AT LEAST ONE DAY LESS THAN 24 OBS)

64 U-ZO-S (ULA) armate memora territors on rims rouse are obsociete

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GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

22521 HONOLULU IAP HI 71-80 JAN
STATION STATION NAME 71-80 YEARS MONTH
PAGE 1 GCOG-0206HOURS (L. S. T.)

Temp.							BULB 1											TOTAL		TOTAL	
(F)	00	1 . 2			7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 3	3 ≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
78/ 77		• 2			į į	J	()	Į.	ļ	()				1				11	:1		
76/ 75		• 5	3.1	3.9	1.4	L											1	84	84	3	1
74/ 73		1.3	2.2	4.5	2.5	• 9	• 1											107	107	24	6
72/ 71		2.9	5 . 2	6.5	3.1	, ų	4 1]				İ	İ				150	160	45	27
70/ 59		3.2	9.8			• 8	,											186		83	47
68/ 57		2.7		1.6						} '	, 1	, f	i	ł	} '			114			
66/ 65		6.1	5.5	1.2	. 4		1		 						 	 	1	123			
54/ 53	. 1	5.5					1	1	ļ	'			į	Í		}	}	92			253
62/ 61		1.5				, 	 	 	 	i				 			 	38			158
69/ 59		• 8		1 :	;			}	i	'			ı '	1	1 !	}		12			127
58/ 57		• 3		 			 	 -					 -	 -	 	 		1	3		
56/ 55				1		! !	i !	1		1	, 1			1	\		1	1 3	3	5	
54/ 53				 			┼──┤	 						 	 			 	ļ	3	17
52/ 51							1			,	, ,		i	1			}		1		
53/ 49							 -		 	 	,			 -	 '	 -		 	 		5
TOTAL	•	21: 1	11.3 0	22 6	17.1	2 1	ا ا	}		1	, !		ı	1	ļ !	}	1	}	0.77	!	4
OTAL	• •	2401	40.7	22.00	1.30 7	203	• 1			 	l				 				930		930
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				<u> </u>			<u> </u>	L		L]			l			1		l		
Element (X)		Σχί			ZX		X	₹ Z		No. Ob	s.				Mean I	No. of I	lours wit	h Tempera	ture		
Rel. Hum.		606	5591		746		80.3	8.7	30	9	30	± 0 1	F	≤ 32 F	≥ 67	F	≥ 73 F	≥ 80 F	≥ 93	F	Total
Dry Bulb		445	9673	;[642		69.1				30				65	• 2	20.2	:1	1		93
Wet Bulb			7092		605		65.1				30		_			• 5	2.7		1		93
Dew Paint		767	4263	1	583		62.7				30				15		• 7				93

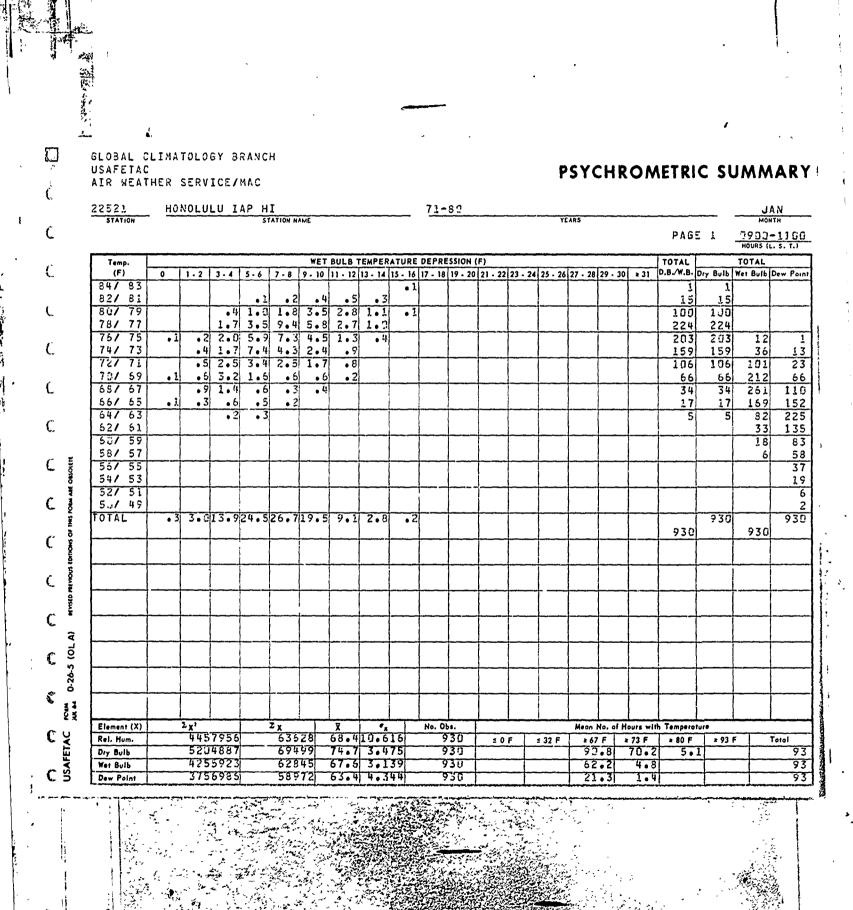
GLOSAL CLIMATOLOGY BRANCH USAFETAC PSYCHROMETRIC SUMMARY AIR WEATHER SERVICE/MAC HONOLULU IAP HI 22521 71-80 STATION NAME 0300-0500 PAGE 1 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL Temp. (F) TOTAL €. D.B. W.B. Dry Bulb Wet Bulb Dew Point 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 78/ 77 76/ 75 2.9 2.8 70 74/ 3.7 2.5 91 22 6 1.8 4.4 4.6 72/ 71 1.5 . 8 122 38 22 70/ 59 2.9 7.2 3.1 2.7 152 8 û 47 6.2 137 120 137 69 55/ 55 .210.9 4.1. 1.0 152 152 194 111 64/ 63 .511.0 2.4 199 137 137 210 4.1 1.7 52/ 51 58 58 150 181 63/ 59 2.2 • 5 68 143 25 . 2 58/ 57 1.0 11 45 11 68 55/ 55 • 3 46 54/ 53 21 52/ 51 TOTAL 1.239.832.317.2 8.1 1.5 930 930 930 930 ತ Element (X) No. Obs. Mean No. of Hours with Temperature 6447060 76970 82.8 9.790 930 Rel. Hum. ± 0 F 267 F 273 F 280 F 293 F 67.9 4.454 4310733 63181 930 Dry Bulb 16.2 3885222 64.5 3.809 60006 930 26.2 93 Wet Bulb

456

GLOSAL	CLIMA	TOLOGY	BRANCH
USAFET	AC		
ATR WE	ATHER	SERVICE	CAMAS

PSYCHROMETRIC SUMMARY

HONOLULU IAP HI 060d-0830 HOURS (L. S. T.) PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) 0 1.2 3.4 5.6 7.8 9.10 11-12 13.14 15.16 17.18 19.20 21.22 23.24 25.26 27.28 29.30 231 D.B./W.B. Dry Bulb Wet Bulb Dew Point 78/ 77 99 99 18 8.8 4.0 69 2.9 5.6 9.5 3.3 9.0 -3.3 • 1 171 171 87 44 58/ 57 130 66/ 65 130 176 118 64/ 63 62/ 61 5.2 72 165 61/ 59 1.7 151 58/ 57 65 55/ 55 54/ 53 20 1.237.432.918.4 8.5 1.6 930 930 930 No. Obs. Element (X) Mean No. of Hours with Temperature 82.5 930 ≥67 F ≥ 73 F ≥ 80 F ≥ 93 F Dry Bulb 4326250 63294 68.1 4.472 930 57.0 16.9 Wet Bulb 3891798 60058 64.6 3.790 930



PSYCHROMETRIC SUMMARY

2752: HONOLULU IAP HI 71-80 JAN

STATION HAME 71-80 YEARS MONTH

PAGE 1 1200-1400 HOURS (L. S. T.)

Temp. WET BULB TEMPERATURE DEPRESSION (F) TOTAL TO

Temp.						WET	BULB '	reupen	ATUDE	DEPPE	SSION /	E١						TOTAL		TOTAL	
(F)	0	1 - 2	3 · 4	5.6	7 - 8								22 24	25 26	27 00	20 20	. 21		Dec Bulk		Dew Poin
65/ 85	<u> </u>	1.2	3.4	3.0	/ . 8	9.10	111 - 12	13 - 14	13 - 10			21 . 22	23 . 24	23 - 20	27 - 28	29 - 30	7 231	1	017 0016	WET 8010	Dew Foin
84/ 83					}	.1	• 3	ے ا	.3	• 1			l			1		17	13		
52/ 81					1.1		- 3	7.5									 -	13	142		
83/ 79			,										ţ				1	142			1
78/ 77				3 • 3						·			 	 		 	ļ	291	291		
76/ 75	• 1	• 7.	7.4	2.4	1.00	3 • 4	4.3	1.1					\			1	1	204	204	1	1 1
74/ 73			• 7	3.0	1 4 6 7	1 3 . 9	500	• 5	ļ	 	 		 -	 		 		133	133		
		• 6		1.7									ļ	ĺ]		i	57	67	75	12
72/ 71		• 2		1.1	• 4	1.0		• 1		 			 		ļ		 	42	42		
		• 3							!					į l			1	21	21	267	
58/ 67		• 3	• 4	• 3	<u> </u>	• 1			<u> </u>	 -			ļ	 	ļ		ļ	16	10		
56/ 55		• 5	•3		1	i I	ì			1			<u> </u>		!	i	ļ	6	6	1	
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52/ 51					ļ !		!				<u> </u>		İ							33	
50/ 59					ļ!				ļ						ļ		 			7	87
58/ 57				·	(į		į.							ļ		i	2	
56/ 55			!	 			<u> </u>			<u> </u>			<u> </u>	<u> </u>			ļ				39
54/ 53			1	! !			1							l							2:
52/ 51					<u> </u>					<u> </u>			ļ				<u> </u>				10
50/ 49				(]		ĺ		ĺ					[[[3
48/ 47			L							<u> </u>							1				1
OTAL	• 1	1.8	5.2	12.4	27.3	28 • 2	18.8	9.9	2.4	• 2				١.	[1		930		939
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Element (X)		Σχ'			ZX		X	₹		No. O								h Temperat			
Rel. Hum.			U777		582		52.6	11.1	93		30	10	F :	≤ 32 F	≥ 67		≥ 73 F	≥ 80 F	≥ 93	F	Total
Dry Bulb			4200		721		77.6				30		_			.4	85.1		5		93
Wet Bulb			3246		637	82	68.6	3 • G	95		30		_			• 4	8.8				93
Dew Point		376	6262	i .	593	22	63.5	14.5	931	0	30		ł		25	• 0	1.5	1	1		93

GLOBAL CLIMATOLOGY BRANCH USAFETAC PSYCHROMETRIC SUMMARY! AIR WEATHER SERVICE/MAC HONOLULU IAP HI 71-8¢ STATION NAME C. 1500-170C WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL C (F) 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 D.B./W.B. Dry Bulb Wet Bulb Dew Point £2/ 81 .2 2.1 2.7 1.4 64 64 83/ 79 4.810.3 6.3 2.6 244 78/ 3.020.1 6.3 4.4 1.1 250 250 4.0 5.9 4.2 2.5 ±74 174 74/ 73 4.3 2.3 1.8 1.3 106 136 72/ 71 57 57 70/ 59 1.1 • 1 . 4 18 50 18 255 68/ 67 55/ 116 155 64/ 63 • 2 62/ 51 124 65/ 59 92 57 63 56/ 55 44 53 54/ 18 52/ 51 53/ 49 1.4 7.315.525.126.518.2 5.5 TOTAL 930 937 930 930 8 2 2 2 2 3 Element (X) 59554 64.010.459 71291 76.7 3.183 63438 68.2 3.051 930 3915258 Rel. Hum. ≥67 F | ≥73 F | ≥80 F | ≥93 F 5474365 Dry Bulb 92.1 83.8 59.7 4335438 Wet Bulb

PSYCHROMETRIC SUMMARY

22521 HONOLULU TAP HI STATION NAME 71-80 WET BULB TEMPERATURE DEPRESSION (F) TOTAL 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | 2 31 | D.B./W.B | Dry Bulb | Wet Bulb | Dew Point 81/ 79 78/ 77 .1 3.7 8.6 9.5 4.4 1.9 2.913.0 7.4 4.0 250 250 267 267 71 .1 3.5 5.7 7.2 1.3 .4 3.7 2.5 2.2 1.9 721 168 168 79 70/ 59 68/ 57 ·3 1·5 1·0 1·1 37 37 259 .5 1.4 66/ 65 54/ 63 112 219 52/ 51 150 6~/ 59 114 58/ 57 55/ 55 54/ 53 52/ 51 TOTAL C.317.234.338.113.0 1.9 .1 930 930 930 Element (X) No. Obs. Mean No. of Hours with Temperature Rel. Hum. 4793715 ≥67 F | ≥73 F | ≥80 F | ≥93 F Dry Bulb 4966119 679C5 73.0 2.927 930 4154752 Wet Bulb

GLOBAL CLIMATOLOGY BRANCH USAFETAC PSYCHROMETRIC SUMMARY AIR WEATHER SERVICE/MAC HONOLULU TAP HI 71-80 STATION NAME WET BULB TEMPERATURE DEPRESSION (F) TOTAL 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 D.B./W.B. Dry Bulb Wet Bulb Dew Point 78/ 77 •3 1.1 •3 •6 4.2 5.8 16 16 76/ 75 174 74/ 73 1.4 2.5 9.1 3.8 1.8 174 3 1 1... 7.1 6.3 4.5 1.511.3 5.9 3.8 72/ 71 186 70/ 69 216 216 108 51 68/ 67 .8 5.9 1.7 . 8 . 2 87 87 206 3.C 2.0 55/ 55 71 71 209 132 64/ 53 1.4 1.5 182 52/ 61 .2 1.9 50/ 59 38 58/ 57 56/ 55 41 54/ 53 15 52/ 51 1 TOTAL .2 5.637.633.016.2 4.2 930 930 930 71196 Element (X) No. Obs. Mean No. of Hours with Temperature 76.6 8.362 5515350 Rel. Hum. 930 267 F 273 F 280 F 293 F 81.1 32.2 70.8 3.432 66.0 3.503 63.0 4.274 4676945 65874 Dry Bulb 4 357728 61344 930 Wet Bulb 43.6 3.4 93

17.6

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GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

22521 STATION	- HU	NOLU	FO I		TATION N	AME				71-8	i (i			YE	ARS					J	A N ITH
																		PAG	E 1.	HOURS (LL . s. r.
Temp.						WET	BULB T	EMPERA	TURE	DEPRES	SION ((F)						TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	3 - 14 1	5 - 16	17 - 18	9 - 20	21 - 22	23 - : 4	25 . 26	27 - 28 2	9 - 30	≥ 31 ¹	D.B./W.B.	Dry Bulb	Wet Bulb	Dew P
86/ 85						.,				• 0				ļ			1	1	1		
84/ 83		 	• 0	• 0	• 2	• 5		• 1	• î	• 0								221	221	 	
89/ 79			.1	1				9	3	• -								637	537		
78/ 77	•	• 1	-		<u> </u>			• 4	• 3									781	781	2	
76/ 75		.5	2.6	4.7	3.9	2.2	3.	. 2	3.			<u> </u>						1114		41	
74/ 73		1.9					î	• 3										1070			
72/ 71	ļ	. 9				. ~		<u>• 3</u>		<u> </u>		<u> </u>						955	955		_2
70/ 69	• :			-	1.8	1	i .1							į			ĺ	929	929	,	
58/ 57 55/ 55	• :		3.5				• 3				 -	 						513 524	5.13 524		
54/ 53					•		. !	į				1 1	1					481	431		
52/ 51	• 7									 								185	185		
50/ 59		• 5	. 2			İ	: Ì]]					-	61	61	297	_9
58/ 57	• (• 3	;		1												28	28		
56/ 55	• 5	• 1		<u> </u>			├											6	6		
54/ 53 52/ 51		1		i 1		1							-	i		1	1	ĺ		6	. 3
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TOTAL	• 1	14.9	23.5	22.2	18.1	12.1	5 • C	2.3	. 4	• ₽		<u>i </u>							7440		74
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Element (X)		Σχ²			Σχ	<u></u>	X		T	No. Obs	. 1	I		لــــــا	Mean No	. of Hou	rs with	Temperat	ure		
Rel. Hum.			9337		5472		73.6			741		± 0 f	: :	32 F	≥ 67 F		73 F	≥ 80 F	≥ 93	F	Total
Dry Bulb			3173		5374		72.2			744					623.			50.	<u> </u>		
Wet Bulb Dew Point			21699 6317		4941 4685		66.4	3 · 73	55	744					381.		3.7				7
JEW POINT		2700	0321	<u> </u>	1003	61	0000	4036	. 7	144	ان				149.	U	7.6				

GLOSAL CLIMATOLOGY SRANCH USAFETAC PSYCHROMETRIC SUMMARY; AIR WEATHER SERVICE/MAC HONOLULU IAP HI STATION NAME 3333-0200 WET BULB TEMPERATURE DEPRESSION (F) TOTAL 1 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | 2 31 | D.B./W.B. Dry Bulb Wet Bulb Dew Point 76/ 75 74/ 73 • 7 1 • 3 1 • 2 • 5 1 • 5 8 • 5 3 • 2 28 28 123 123 **f**: 72/ 71 2.213.1 5.9 4 . 5 205 205 1.610.4 3.2 73/ 59 183 56/ 57 1.8 6.0 109 109 198 4.7 6.6 1.3 56/ 55 117 117 188 54/ 53 3.1 58 58 167 15 15 145 118 62/ 59 48 132 58/ 57 108 55/ 55 29 54/ 53 18 52/ 51 53/ 49 TOTAL .715.539.723.916.4 3.8 849 849 õ Element (X) Mean No. of Hours with Temperature 5193994 65936 77.7 9.291 849 267 F = 73 F = \$0 F = 93 F 58849 69.3 3.528 54974 64.8 3.153 4 189715 Dry Bulb 54.1 3568130 27.4 84

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC 22521 HONOLULU IAP HI
STATION STATION NAME 71-89 WET BULB TEMPERATURE DEPRESSION (F) 0 1 . 2 3 . 4 5 . 6 7 . 8 9 . 10 11 . 12 13 . 14 15 . 16 17 . 18 19 . 20 21 . 22 23 . 24 25 . 26 2 79/ 77 •1 2•0 3•9 2•1 1•1 7•1 5•8 4•2 74/ 59 58/ 57 1.915.5 4.4 4.2 2.8 7.7 1.9 .9 5.9 5.2 2.1 7.3 3.4 .7 56/ 55 64/ 63 Ç 3.4 2.2 53/ 57 56/ 55 54/ 53 50/ 48/ 47 ·525·039·319·412·5 3·3 ·1 TOTAL Element (X) Mean No. of Hours with Temperature 5481295 67725 79.8 9.643 849 267 F 273 F 280 F 3948960 57806 57806 68.1 3.932 54360 64.7 3.315 52192 61.5 3.876 Dry Bulb

3489898

Wet Bulb

PSYCHROMETRIC SUMMARY

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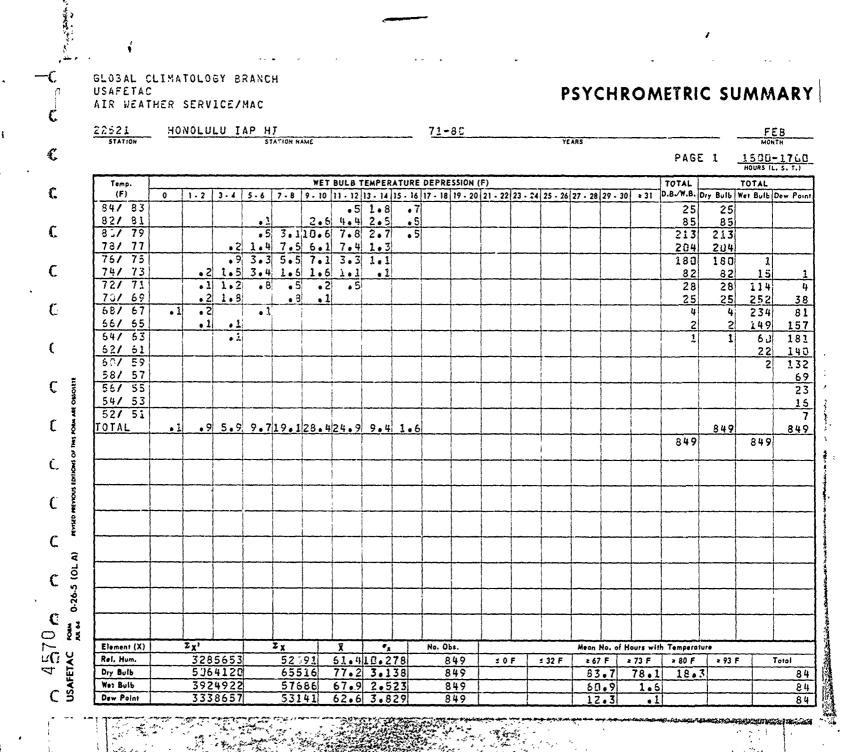
PSYCHROMETRIC SUMMARY

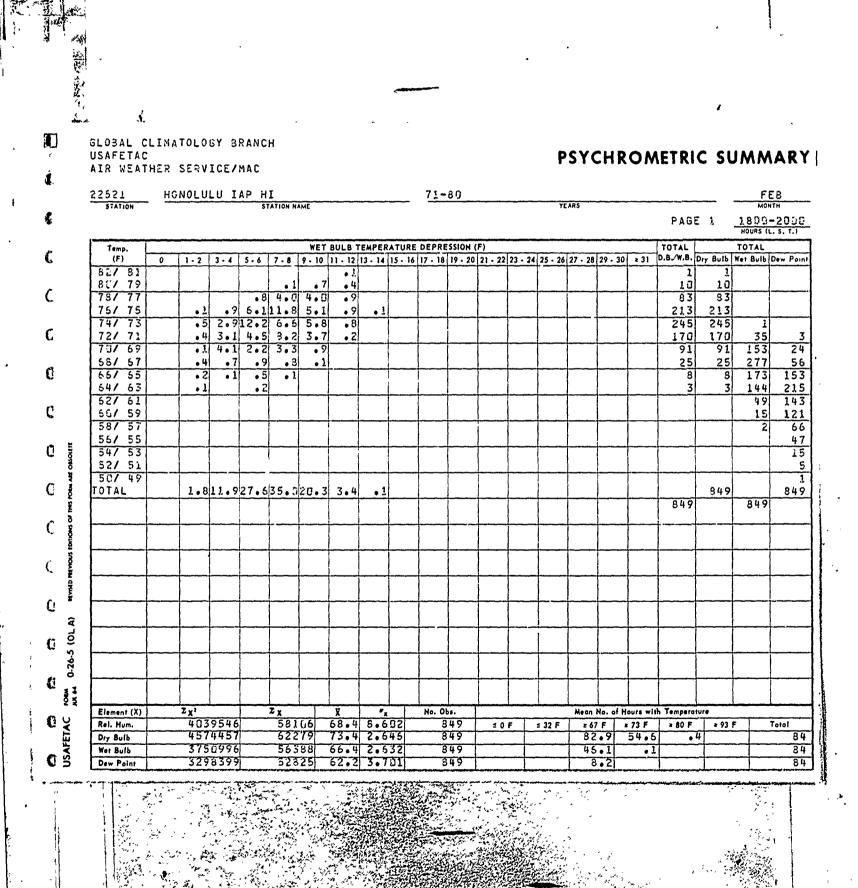
22521 HONOLULU IAP HI 71-33 STATION NAME 0690-0890 HOURS (L. S. T.) WET BUL3 TEMPERATURE DEPRESSION (F) Temp. (F) TOTAL TOTAL 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 25 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | = 31 D.B./W.B. Dry Bulb Wet Bulb Dew Poin 78/ 77 76/ 75 74/ 73 .5 1.4 1.4 5.7 91 2.7 91 72/ 71 1.4 6.4 5.4 3.2 . 8 147 147 70/ 59 2.219.0 3.7 185 185 46 23 2.5 6.4 2.2 • 5 55/ 67 107 44 56/ 55 7.5 5.0 1.7 114 122 122 189 64/ 63 7.8 2.2 97 97 193 210 4.2 1.1 52/ 44 44 149 163 50/ 59 2.1 _ • 5 125 53/ • 1 33 97 55/ 55 45 54/ 53 19 52/ 51 53/ 49 48/ 47 TOTAL .629.033.521.012.5 3.1 848 848 848 848 Element (X) No. Obs. Mean No of Hours with Temperature 67763 5497231 79.9 9.860 Rel. Hum. 848 ≥ 67 F ≥ 73 F 3951861 57789 Dry Bulb 69.1 4.020 54.8 11.3 84 3492729 54353 64.1 3.250 29.8 Wet Bulb 84 84

PSYCHROMETRIC SUMMARY

HONOLULU TAP HI WET BULB TEMPERATURE DEPRESSION (F) 1 - 2 3 - 4 5 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 73 - 24 25 - 26 27 - 28 29 - 30 2 31 D.B./W.B. Dry Bulb Wet Bulb Dew Point 84/ 83 92/ 91 83/ 79 78/ 77 75/ 75 157 157 72/ 71 2.5 3.2 2.7 36 2.2 1.8 1.9 55 216 58/ 57 12 12 243 • 3 94 208 122 54/ 53 52/ 51 .1 2.1 9.817.725.927.114.3 2.8 849 849 249 No. Obs. Element (X) X Mean No. of Hours with Temperature 3734927 55659 65.610.072 75.2 3.307 849 ≥ 67 F ≥ 73 F ≥ 80 F Dry Bulb 4811184 63850 849 82.9 67.3 2.573 62.7 3.638

GLOBAL CLIMATOLOGY BRANCH PSYCHROMETRIC SUMMARY USAFETAC AIR WEATHER SERVICE/MAC HONGLULU IAP HI €. PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) C 0 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 2 31 D.B./W.B. Dry Bulb Wet Bulb Dew Point 65/ 85 64/ 83 1.8 £ 32/ 81 •2 •1 4•0 6•7 •8 4•0 9•9 8•1 2.9 124 124 31:/ 79 4.5 238 238 78/ 77 2.2 6.1 6.4 6.8 3.1 2.4 5.4 1.9 194 194 6.4 6.8 76/ 75 (3.2 1.1 1.2 1.2 .5 .7 .2 .4 74/ 73 69 1.4 72/ 71 25 158 59 262 52 58/ 57 207 100 66/ 65 145 124 64/ 63 34 194 52/ 51 158 169 58/ 57 57 54/ 53 52/ 51 ·1 1·1 4·6 ¿0·4 14·4 27·227·012·0 3·2 TOTAL 849 849 849 õ 51172 Element (X) Mean No. of Hours with Temperature 51172 63.310.493 66203 78.0 3.271 58341 68.4 2.552 53323 62.8 3.921 3177664 849 Rei. Hum. ≥ 67 F | ≥ 73 F | ≥ 80 F | = 93 F 5171425 849 83.6 79.4 Dry Bulb 3973437 849 54.1 2.1 Wet Bulb





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PSYCHROMETRIC SUMMARY

PAGE 1

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76/ 75		• 1	• 6	3.3				•									1 1	70			l
74/ 73		• 7		13.9		2.2												218	218	1	
72/ 71		1.1		9.1				İ		1				ĺ	}		1 1	215			
73/ 69		• 8	7.1	6.9	5.2	1.2											\vdash	180			
58/ 67		1.6		4.4			1 .	į		i :)			105	105	1	
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54/ 53		. 7					1	1						1	i		1 1	13	13		
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Element (X)		Σχ'			z x		X	₹ _X	T	No. Ob	<u>, </u>			······································	Mean N	lo. of h	lours with	Tempera	tur e		
Rel. Hum.		468	3469		625	51	73.8		26	8	49	± 0 ∣		32 F	≥ 67		2 73 F	≥ 80 F	≥ 93	F	Total
Dry Bulb		428	3988		532	60	71.0	2.8	48		49		7		78		28.7				8
Wet Bulb			5202		555	80	65.5	2.7	99		49		_		34		• 1		- 		2
Dew Point			6356		527		62.1				49		_			• 5			-		<u>3</u>

GLOBAL CLIMATOLOGY BRANCH USAFETAC PSYCHROMETRIC SUMMARY AIR WEATHER SERVICE/MAC HONOLULU IAP HI STATION NAME PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | 2 31 | D.B./W.B. Dry Bulb Wet Bulk Dew Point (F) 86/ 85 76 76 82/ 81 236 1.6 236 84/ 79 578 570 3.2 4.2 78/ 77 2.8 665 665 75/ 75 3.2 858 958 74/ 3.4 1059 1059 72/ 71 4.8 4.4 3.8 1034 1934 443 70/ 69 5.9 2.3 3.2 922 922 1115 68/ 67 1.5 485 485 1790 66/ 65 2.5 2.4 416 1424 1075 416 • 9 2.4 1.2 64/ 63 275 275 1053 621 61 114 214 641 1143 63/ 59 239 . 1 41 41 1009 58/ 57 16 92 635 283 54/ 53 133 52/ 51 52 53/ 49 48/ 47 .317.221.221.119.914.9 8.8 3.0 6791 6791 6791 6791 X 70.812.199 No. Obs. Mean No. of Hours with Temperature 35J93**7**79 481103 6791 267 F 273 F 280 F 293 F Rei. Hum. 72.5 5.316 66.3 3.284 62.2 3.834 35895711 492552 585.2 343.7 Dry Bulb 6791 672 29694587 448507 6791 Wet Bulb 326.9

PSYCHROMETRIC SUMMARY

HONOLULU TAP HT PAGE 1

Temp.						WET	BULB .	TEMPER	ATURE	DEPRE	SSION (F)						TOTAL	L	TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Poi
78/ 77		-			• 1												1	1	1		
76/ 75				1.3			<u> </u>	l		<u> </u>					ll		<u> </u>	35	36		
74/ 73		• 5			5.7													153	1.53	3	
72/ 71		• 9	6.3	16.8	14.5	1.	1	<u> </u>				<u> </u>					<u></u>	366	365	20	
79/ 59	• 1				2.9													200	200	51	1
55/ 67		2.5			1 1.	1		l		<u> </u>		<u> </u>					<u> </u>	81	81	175	36
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Element (X)		Σχ'			Σχ		X	· ,		No. Ol	5.				Mean N	lo. of H	ours wit	h Tempero	ture		
Rel. Hvm.			2274		692		74.5				30	≤ 0	F :	32 F	≥ 67		73 F	≥ 80 F	≥ 93 (F T	Total
Dry Bulb			7917		655		70.6	2.8	23		30				83		19.0				9
Wet Bulb			2494		606		65.2				30				24		.1				9
Dew Paint		358	1392	2	576	30	62.0	3.3	12	9	30				6	• 2					9.

GLOSAL CLIMATOLOGY BRANCH USAFETAC PSYCHROMETRIC SUMMARY! AIR WEATHER SERVICE/MAC HONOLULU IAP HI 71-89 MAR STATION NAME PAGE 1 039<u>0-0500</u> WET BULB TEMPERATURE DEPRESSION (F) TOTAL 0 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 24 25 - 26 27 - 28 29 - 30 2 31 D.B./W.B. Dry Bulb Wet Bulb Dew Point (F) 19 19 1.0 74/ 73 . 9 77 77 72/ 71 ·9 6.915.411.1 1.4 331 331 70/ 59 3.4 4.2 1.611.6 244 244 39 18 68/ 67 2.4.5 1.8 90 90 138 35 (.2 5.3 1.8 55/ 55 336 82 82 54/ 53 2.8 1.1 43 250 243 43 52/ 61 21 78 55/ 59 32 1.5 19 161 58/ 57 83 56/ 55 27 54/ 53 14 52/ 51 53/ 49 TOTAL .316.629.531.519.2 2.9 930 930 930 932 ತ No. Obs. Mean No. of Hours with Temperature Rel. Hum. 76.8 9.069 930 ± 0 F ≥ 67 F × 73 F × 80 F × 93 F 64591 69.5 3.260 60158 64.7 2.731 57425 61.7 3.316 76.1 4495889 930 9.6 Dry Bulb 3898310 930 19.3 93 Daw Point

GLOBAL CLIMATOLOGY BRANCH PSYCHROMETRIC SUMMARY USAFETAC AIR WEATHER SERVICE/MAC 22521 HONOLULU TAP HI STATION NAME Æ WET BULB TEMPERATURE DEPRESSION (F) TOTAL 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | 231 | D.B./W.B. Dry Bulb Wer Bulb Dew Point 83/ 79 78/ 77 75 42 129 129 721 71 6.214.411.5 1.1 317 317 1.410.5 6.2 68/ 67 4.2 2.3 89 183 89 56/ 55 64/ 53 52/ 51 69/ 59 • 5 20 29 58/ 57 55/ 55 21 54/ 53 52/ 51 50/ 49 48/ 47 .813.826.931.522.5 4.5 929 929 (OLA) 0.26.5 Element (X) Rel. Hum. 70236 75.6 9.553 ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F 65025 60327 70.3 3.466 64.9 2.737 929 Dry Bulb 4562547 78.7 17.7 23.7

GLOBAL CLIMATOLOGY BRANCH PSYCHROMETRIC SUMMARY AIR WEATHER SERVICE/MAC HONOLULU IAP HI 71-89 STATION NAME 0900-1100 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL Temp. (F) 1 . 2 | 3 . 4 | 5 . 6 | 7 . 8 | 9 . 10 | 11 . 12 | 13 . 14 | 15 . 16 | 17 . 18 | 19 . 20 | 21 . 22 | 23 . 24 | 25 . 26 | 27 . 28 | 29 . 30 | 2 31 | D.B./W.B. Dry Bulb | Wet Bulb | Dew Point 82/ 81 83/ 79 .4 .9 5.8 5.9 1.0 5.5 8.9 5.6 140 78/ 77 233 233 .5 4.511.223.6 2.2 75/ 75 274 274 1.1 5.4 5.4 3.3 72/ 71 1.6 52 70/ 59 88/ 57 353 • 1 55/ 65 • 1 54/ 53 243 63 62/ 61 191 50/ 59 58/ 57 54/ 53 52/ 51 50/ 49 48/ 47 2.4 4.813.127.229.616.8 5.3 930 930 930 No. Obs. Element (X) Mean No. of Hours with Temperature X 63.3 9.658 930 ≥67 F ≥ 73 F 5391893 73763 76.1 2.858 930 92.5 84.8 Dry Bulb 4243784 930 62795 67.5 2.188 93

GLOBAL CLIMATOLOGY BRANCH
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AIR WEATHER SERVICE/MAC

22521 HCNOLULU IAP HI
STATION STATION NAME

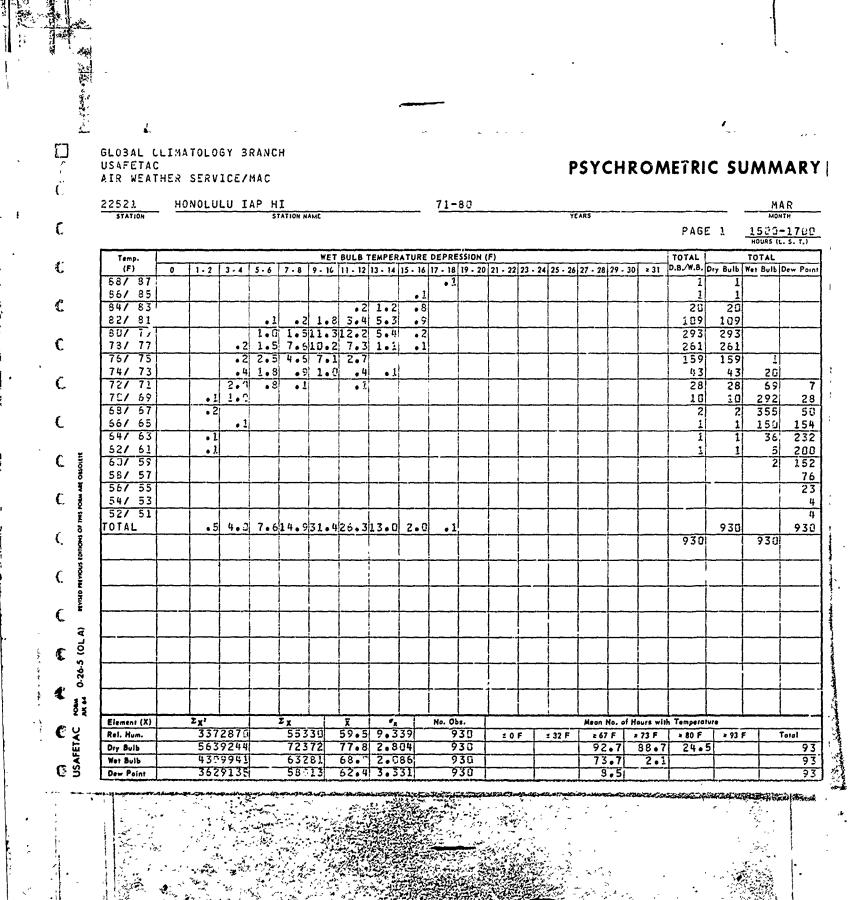
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PSYCHROMETRIC SUMMARY

PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 D.B./W.B. Dry Bulb Wet Bulb Dew Poin (F) 85/ 85 1.3 3.1 5.6 9.1 1.5 3.013.812.3 6.9 .1 192 32/ 31 192 83/ 79 •1 1•3 6•1 5•8 5•2 1•2 •2 1•8 3•8 3•9 2•3 •4 73/ 188 188 75/ 75 74/ 73 28 72/ 71 105 70/ 69 31 • 5 339 119 151 54/ 63 62/ 51 56/ 57 83 54/ 52/ 51 TOTAL .3 2.3 6.214.926.226.020.6 3.4 930 930 930



PSYCHROMETRIC SUMMARY

HONOLULU IAP HI STATION NAME WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL D.B./W.B. Dry Bulb Wet Bulb Dew Point 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 82/ 81 80/ 79 .3 .5 3.1 2.8 1.4 5.3 8.8 10.0 1.312.017.7 6.8 3.9 5.7 5.9 2.0 78/ 77 51 1.8 81 75/ 75 244 244 74/ 73 349 349 72/ 71 166 69 2.2: 1.9: 1.7: 65 65 109 21 68/ 67 66/ 65 54/ 63 52/ 61 59/ 57 67 54/ 53 53/ 49 ·3 9·125·836·823·2 4·U 930 930 530 930 267 F | 273 F | 280 F | 293 F Rel. Hum. 67.3 7.931 4276873 Dry Bulb 5059951 68567 73.7 2.235 92.4 4116518 6184C 66.5 2.199 93

USAFETAC FORM 0.26-5 (OLA) REVISED MENOUS EDITIONS OF THIS FORM ARE OLD OLITE

PSYCHROMETRIC SUMMARY

22521 HONOLULU IAP HI
STATION STATION HAME

Temp.						WET	BULB 7	TEMPER	ATURE	DEPRE	SSION (F)						TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	> 31	D.B./W.8.	Dry Bulb	Wet Bulb	Dew Point
78/ 77			• 2	• 1	. 5									1			1	9	9		
76/ 75		1	1.6	1.6	2.7	1.2					ļ						1	65	65		
74/ 73		• 5			11.7					1	I – –			1	1		1	303	303	3	<u> </u>
72/ 71		l	7.2	13.9	14.5	• 9	i			1	l						1	340	349		
70/ 59		• 3			2.7					1	 -						1	144	144		
68/ 67		.9	1.1		1.3			•		i	i			1			1	37	37		
56/ 55		. 1	1.				<u> </u>			1	 			1	 		1	22	22		138
54/ 63		.1	. 4	.2			Ι,	. 1										8	8		
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Dry Bulb		480	0119	-	567	83	71.8	2.1	89		30				89		37.8	· L	1		93
Wet Bulb			5651		612	25	65.8	2.3	21		30		$\neg \vdash$			-3	• 3		1	_	93
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PSYCHROMETRIC SUMMARY

22521 STATION HONOLULU IAP HI
STATION NAME PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) 0 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 D.B./W.B. Dry Bulb Wet Bulb Dew Point 38/ 87 84/ 83 68 58 345 83/ 1.8 786 786 78/ 77 778 151 75 73 243 72/ 71 328 1610 1610 73/ 69 888 888 1159 . 8 1.1 314 314 2996 65/ 65 222 222 64/ 63 1052 122 56 53/ 59 115 1239 52 553 14 196 54/ 53 52/ 51 TOTAL ·2 5 · 6 1 5 · 3 2 3 · 6 2 4 · 5 1 6 · 0 9 · 2 4 · 9 7439 7439 7439 7439 Element (X) Mean No. of Hours with Temperature No. Obs. 35699090 4J364483 Rel. Hum. 508496 7439 ≥ 73 F ≥ 80 F Dry Bulb 546979 698.9 417.7 Wet Bull 32852716 493938 7439 66.4 2.744 365.7 744 Dew Paint

GLOBAL CLIMATOLOGY BRANCH

AIR WEATHER SERVICE/MAC

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22521

PSYCHROMETRIC SUMMARY

HONOLULU IAP HI STATION NAME 0000-0200 HOURS (L. S. T.) PAGE 1 Temp. (F) WET BULB TEMPERATURE DEPRESSION (F) TOTAL 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | = 31 D.B. W.B. Dry Bulb Wet Bulb Dew Point .1 2.7 4.5 78/ 77 76/ 75 63 74/ 73 72/ 71 1 1.317.6 9.3 10.715.3 8.3 277 277 2.8 325 325 .311.2 5.. 1.5 163 73/ 69 163 .9 2.4 56/ 57 39 39 66/ 65 1.4 23 23 353 210 97 54/ 53 3:0 52/ 61 29 187 53/ 59 127 58/ 57 19 (55/ 55 53 52/ 51 52/ 49 48/ 47 TOTAL 1.727.842.623.8 4.6 900 90C 900 930 ತ 0.26-5 No. Obs. Mean No. of Hours with Temperature Element (X) X 73.8 7.045 49411,4 66384 Rel. Hum. 902 ≥ 67 F ≥ 73 F ≥ 80 F 64544 71.7 2.206 59538 66.2 1.994 56570 62.9 2.585 Dry Bulb 4533182 900 87.1 34.4 3942212 900 90 471.8 Wet Bulb Dew Point 3562218 900 90

PSYCHROMETRIC SUMMARY

22521 HONOLULU IAP HI

71-85

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PAGE :

HOURS (L. S. T.)

Temp.						WET	BULB 1	EMPER	ATURE	DEPRE	SSION (F)						TOTAL	·	TOTAL	
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GLOSAL CLIMATOLOGY BRANCH USAFETAC PSYCHROMETRIC SUMMARY AIR WEATHER SERVICE/MAC HONOLULU JAP HI 71-80 PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 D.B./W.B. Dry Bulb Wet Bulb Dew Point 8_/ 79 78/ 77 1.0 3.2 6.3 2.2 1.014.7 7.4 2.7 75/ 105 105 74/ 73 232 232 72/ 71 8 . 1 1 4 . 2 7.7 273 273 9.9 4.3 155 68/ 67 3.9 55 1.4 1.2 66/ 55 54/ 63 • 2 25 • 9 52/ 51 59 597 58/ 57 5.5 55/ 54/ 53 52/ 56/ 49 48/ 47 5.624.637.325.1 7.1 900 900 ğ

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GLOSAL CLIMATOLOGY BRANCH
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PSYCHROMETRIC SUMMARY

PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) 0 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 231 D.B./W.B. Dry Bulb Wet Bulb Dew Point 55/ 85 84/ 83 82/ 81 5.7 101 191 86/ 79 1.712.9 8.0 241 241 257 257 4.1 8.9 5.6 76/ 75 178 74/ 73 71 71 71 73/ 69 347 17 68/ 67 327 107 188 54/ 63 292 52/ 51 58/ 57 56/ 55 54/ 50/ 49 2.911.023.232.221.3 8.3 900 900 900 Element (X) No. Obs. Mean No. of Hours with Temperature 3462117 5429036 51.4 8.477 77.6 2.721 ≥ 80 F ≥ 93 F Rel. Hum. 55297 900 ≥ 73 F 86.7 Dry Bulb 900 90.0 22.8 4213073 900 Wet Bulb 68.4 1.924 90 90

GLOPAL CLIMATOLOGY BRANCH USAFETAC PSYCHROMETRIC SUMMARY AIR WEATHER SERVICE/MAC 22521 HONOLULU IAP HI STATION NAME C PAGE 1 1230-1400 HOURS (L. S. T.) Temp. (F) WET BULD TEMPERATURE DEPRESSION (F) TOTAL TOTAL 0 0 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 231 D.B./W.B. Dry Bulb Wet Bulb Dew Point •2 1•9 •1 4•2 4•3 4•8 85/ 85 20 20 84/ 83 125 126 C 82/ 81 6.713.711.1 294 294 89/ 79 2.313.810.7 3.3 276 276 78/ 77 4 . 4 5.0 1.8 • 1 112 112 (75/ 75 42 • 4 24 • 2 72/ 71 • 2 193 7:1 59 369 24 68/ 67 65/ 65 64/ 53 254 52/ 51 185 60/ 59 58/ 57 56/ 55 54/ 53 52/ 51 53/ 49 TOTAL .2 1.2 3.7 9.526.831.021.3 5.9 900 900 300 ತ Element (X) No. Obs. Mean No. of Hours with Temperature 2934333 50857 56.5 8.205 900 267 F 273 F 280 F 293 F ± 0 F 56.0 5781767 72.199 80.1 2.565 900 Dry Bulb 90.0 90 89.4 4311426 62270 69.2 1.837 900 Wet Bulb 85.5 96

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

22521 HONOLULU IAP HI
STATION STATION NAME

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PSYCHROMETRIC SUMMARY

PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | 2 31 | D.B./W.B. Dry Bulb Wet Bulb Dew Poin 36/ 85 84/ 83 10 10 82/ 81 187 284 30/ 79 1.815.910.4 284 78/ 77 .3 7.2 8.1 5.2 .3 2.2 5.6 3.4 .8 193 193 112 74/ 73 1.0 1.3 1.3 11 43 130 76/ 69 374 58/ 57 56/ 55 184 54/ 63 266 62/ 61 2016 58/ 57 40 54/ 59/ 49 ·3 1 · 7 4 · 3 16 · 131 · 129 · 714 · 4 2 · 2 900 900 ಶ Element (X) Mean No. of Hours with Temperature Rel. Hum. 3131869 ≥ 80 F ≥ 93 F 900 ≥ 73 F Dry Bulb 5639248 90.0 89.1 38.3 Wet Bulb 4250850 61833 68.7 1.866 900 90 90 80.8 Dew Point

PSYCHROMETRIC SUMMARY

22521 HONOLULU IAP HI 71-83 APR STATION NAME STATION MONTH 1800-2000 PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL Temp. (F) 1-2 3-4 5-6 7-8 9-10 11-12 13-14 15-16 17-18 19-20 21-22 23-24 25-26 27-28 29-30 = 31 D.B./W.B. Dry Bulb Wet Bulb Dew Point 82/ 81 86/ 79 1.0 2.9 4.7 2.8 73/ 77 .2 6.3 4.7 2.8 5.817.8 9.6 1.0 126 126 75/ 75 309 309 74/ 1.113.111.3 5.7 281 281 C 72/ 71 3.2 5.4 4.1 • 9 123 123 70/ 69 .2 1.2 • 1 • 3 18 192 68/ 57 . 1 385 (55/ 65 243 185 54/ 63 53 300 62/ 51 213 € 53/ 59 106 58/ 57 39 56/ 55 54/ 53 52/ 51 50/ 49 .4 5.824.839.724.3 5.0 TOTAL 900 900 900 ₹ g 0.26.5 X *x 66.9 7.273 Element (X) No. Obs. Mean No. of Hours with Temperature © © USAFETAC 60183 4671989 900 Rel. Hum. ≥ 67 F | ≥ 73 F | × 80 F | ≥ 93 F 74.6 2.243 67.1 1.869 5009437 67115 900 89.7 75.4 Dry Bulb 90 4356787 900 60401 Wet Bulb 3553149

PSYCHROMETRIC SUMMARY

22521 HONOLULU IAP HI
STATION NAME 71-80 WET BULB TEMPERATURE DEPRESSION (F) TOTAL 31 D.B. W.B. Dry Bulb Wet Bulb Dew Point 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 80/ 79 78/ 77 751 4 . 6 7 . 7 127 127 741 73 .110.41..2 .2 4.9 3.4 721 71 9.4 284 78/ 69 81 81 68/ 67 11 384 29 56/ 55 . 1 54/ 53 76 288 183 126 58/ 57 56/ 55 54/ 53 557 40 45/ 45 .617.440.834.2 6.8 900 900 900 900 Element (X) No. Obs. Mean No. of Hours with Temperature 71.4 6.691 72.8 1.865 ≥ 67 F | × 73 F | × 80 F | × 93 F

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GLOBAL CLIMATOLOGY BRANCH PSYCHROMETRIC SUMMARY! USAFETAC AIR WEATHER SERVICE/MAC HONOLULU IAP HI STATION NAME £ PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL Temp. (F) TOTAL D.B./W.B. Dry Bulb Wet Bulb Dew Point \boldsymbol{E} 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | = 31 86/ 85 33 33 84/ 83 294 204 82/ 81 585 585 80/ 79 3.8 843 843 78/ 4.2 3.7 737 737 C 75/ 75 6.7 3.0 967 967 74/ 73 1 1.010.9 6.1 1476 1476 5.4 8.2 71 1356 1356 0 70/ 69 2.5 652 552 1599 8 + 187 2584 55 95 55/ • 1 95 1778 1573 \mathbf{C} 64/ 63 2355 51 51 547 62/ 6: 125 1523 60/ 59 935 57 587 16 264 56/ 55 39 54/ 53 22 € 52/ 51 50/ 49 42/ 47 2.114.225.723.616.811.0 5.5 1.1 7200 7200 7200 7200 ತ Element (X) No. Obs. Mean No. of Hours with Temperature CO CO USAFETAC 67.310.488 33359598 484314 7200 ≥ 80 F ≥ 93 F Rel. Hum. ≥ 67 F ≥ 73 F 704.0 484.5 118.6 42367538 74.8 4.233 538254 7200 720 Dry Bulb 32592922 484138 67.2 2.322 7200 467.8 4.5 720 Wet Bulb 452917

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GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC 22521 HONOLULU IAP HI
STATION STATION NAME (F) 78/ 77 76/ 75 74/ 73 72/ 71 70/ 69 58/ 67 56/ 65 64/ 63 52/ 61 63/ 59 58/ 57 TOTAL

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PSYCHROMETRIC SUMMARY

0000-0200 HOURS (L. S. T.) PAGE 1 TOTAL
D.B. W.B. Dry Bulb Wet Bulb Dew Point WET BULB TEMPERATURE DEPRESSION (F) 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 11 11 161 161 3.532.511.5 7.8 9.9 4.1 3.7 2.5 .5 480 480 203 203 65 65 132 38 446 258 235 78 15 1.716.554.622.8 4.4 930 930 Element (X) No. Obs. Hean No. of Hours with Temperature Rel. Hum. 5942865 930 67 F × 73 F × 80 F × 93 F Dry Bulb 4967957 67955 73.1 1.638 930 13.0 65.2 930 Wet Bulb 4217509 62607 67.3 1.750

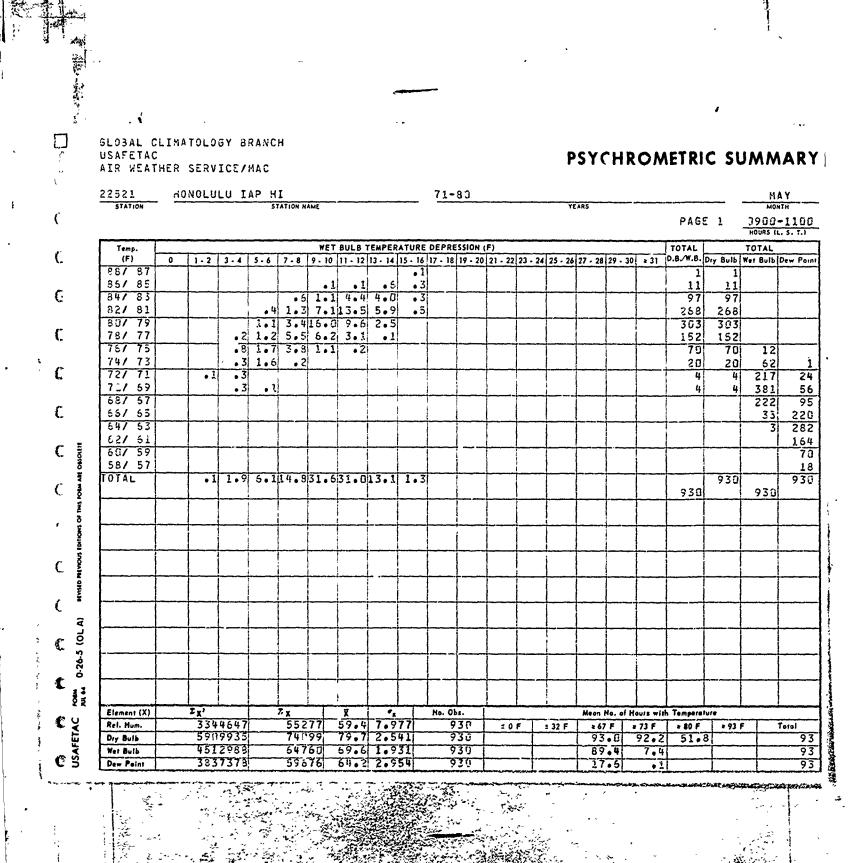
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GLOBAL CLIMATOLOGY BRANCH USAFETAC **PSYCHROMETRIC SUMMARY!** AIR WEATHER SERVICE/MAC HONOLULU TAP HI YAM STATION NAME PAGE 1 9330-0500 WET BULB TEMPERATURE DEPRESSION (F) 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | = 31 (F) D.B./W.B. Dry Bulb Wet Bulb Dew Point 1 75/ 75 .6 3.3 .2 4.324.3 7.9 1.312.314.9 7.3 74/ 73 7. 1 1.9 348 348 72/ 71 335 335 77/ 59 1.215.8 2.9 135 136 117 26 C 68/ 67 .9 2.3 • 9 414 37 84 56/ 65 • 9 282 64/ 63 91 330 62/ 61 130 59/ 59 88 58/ 57 17 56/ 55 TOTAL 4.529.846.017.1 2.6 930 930 930 930 õ 75.5 7.159 Mean No. of Hours with Temperature C) (D) USAFETAC 70217 5349153 Rel. Hum. 930 ≥67 F | ≈73 F | ≈80 F | ≈93 F **±0F** ≤ 32 F 4326862 66976 930 72.0 1.907 Dry Bulb 91.9 41.1 62153 66.8 1.780 59352 63.8 2.519 4156791 62153 93 55.2 93 930

PSYCHROMETRIC SUMMARY

HONOLULU TAP HI 71-80 3603-8836 Hours (L. S. T.) PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) (F) 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | = 31 D.B./W.B. Dry Bulb Wet Bulb Dew Point 82/ 81 89/ 79 .1 1.8 8.2 2.4 1.2 4.817.3 4.7 78/ 77 121 121 76/ 75 196 196 •5 3•218•1 6•2 •5 7•4 7•7 4•7 74/ 73 286 285 72/ 71 190 190 209 73/ 69 .5 6.3 1.8 • 5 86 86 40 58/ 67 18 18 366 89 55/ 55 1.1 12 12 232 254 64/ 63 298 52/ 61 145 6d/ 59 58/ 57 85 11 TOTAL 3.219.834.730.311.3 930 930 930 933 Mean No. of Hours with Temperature Element (X) 9311 ≥ 67 F × 73 F × 80 " = 93 F Rel. Hum. 72.3 7.991 4921577 67245 Dry Bulb 5937479 68401 73.5 2.670 930 91.7 62.3 4237017 62745 67.5 2.510 930 Wet Bulb 63.4 3817549 Dew Point

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PSYCHROMETRIC SUMMARY

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PSYCHROMETRIC SUMMARY

HONOLULU IAP HI 22521 STATION

1570-1700 PAGE 1

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STATION NAME

PSYCHROMETRIC SUMMARY

Temp. (F) WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 0 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 D.B./W.B. Dry Bulb Wet Bulb Dew Poin 82/ 81 2 .6 .8 3 2 3 9 5 2 5 2 7 11 5 8 3 2 9 15 15 138 138 78/ 77 230 230 75/ 75 74/ 73 1.2 7.222.216.5 383 383 .5 6.7 4.7 4.6 127 127 15 • 8, 72/ 71 27 93 72/ 69 58/ 67 • 5¹ • 1 59 314 6 344 66/ 65 210 154 54/ 63 52/ 61 162 52/ 59 53/ 57 .6 3.117.342.238.5 5.9 TOTAL 927 927 927 927 Element (X) No. Obs. Mean No. of Hours with Temperature Rel. Hum. 4664965 61049 65.9 6.931 927 ≥ 67 F ≥ 73 F ≥ 80 F ≥ 93 F 5384476 76.2 2.143 Dry Bulb 71622 927 92.9 89.6 43279.7 63317 68.3 1.847 Wat Bulb

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PSYCHROMETRIC SUMMARY |

HONOLULU TAP HI 71-80 22521 MAY STATION NAME 2176-2300 PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL Temp. 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 D.B./W.B. Dry Bulb Wet Bulb Dew Point 83/ 79 .6 3.1 75/ 77 43 43 1.915.922.5 3.2 2.421.413.2 4.3 76/ 75 4:34 404 74/ 73 379 379 72/ 71 .5 2.3 5.1 1.7 89 89 6 79/ 69 258 .6 .2 .1 39 68/ 67 4:31 97 66/ 65 201 234 54/ 53 325 52/ 5i 61/ 59 158 63 58/ 57 TOTAL 927 .5 7.443.141.0 7.9 927 927 927 Element (X) No. Obs. Mean No. of Hours with Temperature Rel. Hum. 4662317 927 ≥ 67 F ≥ 73 F ≥ 80 F ≥ 93 F ±0 F 5111512 93.0 83.2 927 Dry Bulb 4258857 71.2 Wet Bulb 927 93 Dew Point 3812546

PSYCHROMETRIC SUMMARY

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Rel. Hum.			2706		4914	14		20.5		74		± 0	F	≤ 32 F	≥ 67		2 73 F	* 80 F	≥ 93	F	Total
Dry Bulb		4354			5679			4.2		74		_	<u>-</u>				519.1			· -	7
Wet Bulb			1631		5085			2.2		74					604		32.5			_	7
Dew Point			4439	1	4755			2.7		74					119		1				71

PSYCHROMETRIC SUMMARY

22521 HONOLULU TAP HI 79-79 STATION NAME MONTH PAGE 1 0000-6200 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL D.B./W.B. Dry Bulb Wet Bulb Dew Point (F) 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 78/ 77 8.7 94 1.417.221.8 3.9 4.820.7 8.9 2.2 75/ 75 401 401 74/ 73 334 334 3.1 1.9 72/ 71 53 • 5 53 53 70/ 69 1.0 368 68/ 57 356 131 • 1 • 1 66/ 65 131 328 54/ 63 284 52/ 51 62 59/ 59 58/ 57 TOTAL 1.310.441.140.2 7.3 900 300 998 906 Element (X) No. Obs. Mean No. of Hours with Temperature 71.4 6.387 74.6 1.597 64291 Rel. Hum. 4629253 900 ± 0 F ≤ 32 F 267 F 273 F 280 F 293 F 5016310 900 67176 99.0 Dry Bulb 83.6 4199395 61461 68.3 1.573 79.2 90 Wet Bulb 3783874 911 Dew Point

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PSYCHROMETRIC SUMMARY

HONOLULU IAP HI 79-79 PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | 2 31 | D.B./W.B. Dry Bulb | Wet Bulb | Dew Point 78/ 77 .8 4.4 .813.111.2 52 52 75/ 75 251 5.327.1 7.7 7.3 5.3 1.9 74/ 73 2.6 396 396 72/ 71 • 8 139 139 73/ 59 3.9 1.1 50 50 277 35 58/ 57 55/ 55 152 318 64/ 63 266 0 62/ 52 84 50/ 59 51 58/ 57 10 C .1 2.917.848.325.2 5.8 TOTAL 9410 900 900 900 0.26-5 (OL Element (X) No. Obs. Mean No. of Hours with Temperature 73.5 7.241 73.6 1.901 267 F 273 F 280 F 293 F Rel. Hum. 4911004 900 10F ± 32 F 65180 Dry Bulb 4881359 66259 900 89.8 69.9 90 67.8 1.737 64.6 2.455 Wet Bulb 4145431 61461 900 90 71.5 90 900 17.0

GLOBAL CLIMATOLOGY BRANCH PSYCHROMETRIC SUMMARY I USAFETAC AIR WEATHER SERVICE/MAC HONOLULU IAP HI 22521 70-79 STATION NAME 060G-080G HOURS (L. S. T.) PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | > 31 | D.B./W.B. Dry Bulb Wet Bulb Dew Point (F) 32/ 81 13 13 33/ 79 80 80 3.9 .1 2.51:3.8 78/ 167 167 76/ 75 1.712.213. 3.8 278 278 74/ 73 4.215.8 4.7 240 240 4.3 2.8 72/ 71 . 4 1.3 81 81 103 73/ 69 2.2 • 8 31 31 352 45 58/ 57 308 154 55/ 65 104 314 64/ 63 236 52/ 51 84 **(**. 61/ 59 44 58/ 57 8 56/ 55 TOTAL 2.013.034.432.515.7 2.2 899 399 899 ₹ ಠ 0.26.5 Element (X) No. Obs. Mean No. of Hours with Temperature USAFETAC 63655 70.8 8.021 Rel. Hum. 4564953 899 267 F 273 F 280 F 293 F 75.1 2.589 68.5 1.878 5371897 67485 899 89.8 77.9 Dry Bulb 4220611 61575 859 90 Wet Bulb 1.1 21.2 90

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PSYCHROMETRIC SUMMARY

22521 HONOLULU IAP HI STATION NAME Temp, (F) WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 D.B./W.B. Dry Bulb Wet Bulb Dew Poin 38/ 87 • 5 3 • 7 2.1 2.5 7.0 1.311.815.5 4.6 35/ 85 34/ 83 176 176 1.09 294 294 .9 3.415.0 6.2 .4 4.4 3.8 .4 82/ 79 238 238 78/ 77 84

76/ 75 33 74/ 73 • 6 72/ 71 • 3 328 79/ 69 351 55/ 67 • 1 55/ 55 274 64/ 63 247 52/ 61 69/ 59 49 53/ 57 TOTAL •4 1.6 2.811.331.931.615.6 3.2 899 899 899 899

Element (X)	Σχ'	z x	X	₹ Z	No. Obs.			Mean No. of	Hours with	Temperatur	•	
Rel. Hum.	3142867	52545	58.6	8 . 174	899	± 0 F	≤ 32 F	≥ 67 F	≥ 73 IF	≥ 80 F	≥ 93 F	Total
Dry Bulb	5884124	72692	80.9	2.657	899			90.0	89.4	64.0		90
Wet Bulb	44585:19	63291	70.4	1.742	899			89.6	10.1		ì	90
Dew Point	3784158	58276	64.8	2.695	899			21.9	• 4			23

GLOSAL CLIMATOLOGY BRANCH USAFETAC ATR WEATHER SERVICE/MAC 22571 HONOLULU TAP HI STATION STATION NAME

PSYCHROMETRIC SUMMARY

Mean No. of Hours with Temperature 267 F 273 F 280 F 293 F 93.0 89.9 85.2

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PAGE 1 1200-1400 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL Temp. D.B./W.B. Dry Bulb Wet Bulb Dew Point (F) 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | = 31 96/ 89 88/ 87 .7 2.715.6 86/ 85 5.6 220 220 84/ 93 3.210.013.3 5.9 302 302 •4 1.2 5.911.2 •7 1.4 3.8 1.2 82/ 81 5.7 221 • 1 221 83/ 79 66 56 78/ 77 • 3 13 76/ 75 8 74/ 178 1 72/ 71 358 59 751 282 64 68/ 67 118 66/ 65 259 64/ 63 62/ 61 146 55/ 59 60 58/ 57 56/ 55 TOTAL .6 1.7 3.413.925.238.115.7 1.0 900 900 900 900

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Element (X)

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53.5 83.3 2.375 GLOBAL CLIMATOLOGY BRANCH
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AIR WEATHER SERVICE/MAC

22521 HONOLULU IAP HI
STATION STATION NAME

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PSYCHROMETRIC SUMMARY

PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL Temp. D.B./W.B. Dry Bulb Wet Bulb Dew Point 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 1.4 .8 9.9 2.4 88/ 87 22 22 35/ 85 133 133 2.013.713.6 3.2 84/ 83 293 293 82/ 81 1.4 6.817.3 5.8 285 285 • 4 1 • 3 7 • 0 3 • 7 1 • 4 • 3 1 • 3 1 • 1 • 2 80/ 79 125 125 78/ 77 29 75 761 6 74/ 73 72/ 71 361 7./ 59 325 68/ 67 124 88 64/ 63 257 62/ 61 52/ 59 .6 1.1 4.416.937.132.1 5.7 .6 TOTAL 900 900 900 900 No. Obs. Myon No. of Hours with Temperature Element (X) Rel. Hum. 2752105 49369 54.9 6.996 900 ≥67 F ≥ 73 F ≥ 80 F ≥ 93 F 82.4 2.346 73.6 1.696 90.0 Dry Bulb 6111120 74132 900 89.8 80.7 90 4492182 Wet Bulb 63566 900 89.7 12.3 90 90

SLOBAL CLIMATOLOGY BRANCH PSYCHROMETRIC SUMMARY USAFETAC AIR WEATHER SERVICE/MAC HONOLULU IAP HI 73-79 STATION NAME C 1870-2000 PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | 2 31 D.B./W.B. Dry Bulb Wet Bulb Dew Point 83/ 97 84/ 83 .1 1.4 .2 5.1 4.3 .2 4.419.2 2.8 82/ 3: 90 9:3 32/ 79 243 243 75/ 77 2.127.410.3 2.0 314 314 .2 5. 13.5 4.8 .8 1.7 .3 213 213 73 74/ • 1 22 16 72/ 71 198 75/ 69 421 35 58/ 57 230 128 55/ 55 338 64/ 53 294 51 52/ 88 58/ 59 42 58/ 57 TOTAL •4 1.1 8.339.339.610.6 930 900 930 900 ã 5 0.26.5 2x² 3719478 Element (X) Mean No. of Hours with Temperature Rel. Hum. 900 10F ≥ 67 F × 73 F × 80 F × 93 F ≤ 32 F 5463283 900 90.0 89.7 19.8 90 Dry Bulb 69.4 1.593 64.7 2.274 4331039 62417 900 35.5 1.5 90 58215 377-191 16.7 90

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PSYCHROMETRIC SUMMARY

22521 HONOLULU IAP HI 73-79

STATION STATION NAME

PAGE 1 2130-2300 HOURS (L. S. T.)

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78/ 77				2.2	18.				-		1	į	į				l				-	202			1
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Element (X)	_	ZX'		T	z _x		T	X	1	•,		No	. ОЬ:	s.	-				Maan	No. of	Hours wi	th Tempera	ture		
Rel. Hum.			7571		62	59	3	69.	. 5	6.1	83		9	פס	1 (F	1 3	32 F	26	7 F	≥ 73 F	≥ 80 F	≥ 93	F	Total
Dry Bulb			8055		63		5	75	. 6	1.4	78			00					9	7.0	88.7	7	 	-	9!
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Dew Point			1340		58					2 • 2				00						9.C					90

HONOLULU IAP HI

STATION NAME

PSYCHROMETRIC SUMMARY;

PAGE 1 HOURS (L. S. T.) TOTAL TOTAL
D.B./W.B. Dry Bulb Wet Bulb Dew Point WET BULB TEMPERATURE DEPRESSION (F) (F) 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 22 - 24 25 - 26 27 - 28 29 - 30 = 31 9./ 89 88/ 87 • 0 95 86/ 35 3.5 4 75 405 .9 4.2 4.2 1.5 785 785 82/ E1 81/ 79 3.7 5.1 2.1 903 903 6.6 1.8 786 78/ 77 1.3 8.6 2.8 955 76/ 75 1143 1143 427 2.7 72/ 71 . 3 289 289 1564 44 7:/ 59 95 2789 58/ 67 23 1867 1084 55/ 55 461 2399 52/ 51 65/ 59 372 46 58/ 57 55/ 55 TOTAL ·1 1·1 6·223·526·717·513·411·3 3·2 7199 7198 7198 7198 30731517 Rel. Hum. 464469 7198 267 F | 273 F | 280 F | 293 F 77.9 4.157 69.3 2.729 563733 43832669 719.6 678.9 253.1 Dry Bulb 7198 720 499132 Wer Bulb 34041312 7198 667.5 45.3 149.5

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GLOBAL CLIMATOLOGY BRANCH
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22521 HONOLULU IAP HI
STATION STATION NAME

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PSYCHROMETRIC SUMMARY

WET BULB TEMPERATURE DEPRESSION (F) TOTAL 1 . 2 | 3 . 4 | 5 6 | 7 . 8 | 9 . 10 | 11 . 12 | 13 . 14 | 15 . 16 | 17 . 18 | 19 | 20 | 21 . 22 | 23 . 24 | 25 . 26 | 27 . 28 | 29 . 30 | 2 31 | D.3 /W.B. Dry Bulb | Wet Bulb | Dew Point 84/ 93 82/ 81 82/ 79 1.4 2.5 36 36 .1: 2.719.5 1.4 78/ 77 76/ .1 1.913.926.3 5.1 442 442 74/ 73 1.2 5.212.5 3.4 210 210 118 72/ 71 19 76/ 69 493 38 53/ 57 254 190 65/ 55 383 64/ 53 208 52/ 51 <u>58</u> 60/ 59 29 58/ 57 TOTAL • 1 1 · 3 8 · 229 · 451 · 1 9 · 7 · 3; 930 930 930 Element (X) No. Obs. Mean No. of Hours with Temperature Rel. Hum, 4672736 65640 76.6 6.547 630 267 F 273 F 280 F 293 F Dry Bulb 5318649 7 3 3 1 3 75.6 1.676 930 93.0 91.6 1.6 44236:4 930 Wet Bulb 64124 69.0 1.546 87.0 93 Dew Point

70-79

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY |

2552 HONOLJLU IAP HI 76-79

VEARS

MONTH

PAGE 1 0330-0500
HOURS (C. S. F.)

Temp.						WET	BULB	EMPER	ATURE	DEPRE	SSION (f)						TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	231	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Por
9 ,/ 79					• 8	• 5												12	12		
78/ 77				2.4	12.3	• 8	. 1						i	1				144			
76/ 75			1.3	14.7		5.1												373	373		
74/ 73	• 1	1.0	6.2	19.4	5.5	1.2	1			İ								311	311	1	
72/ 71	• 4	• 9		1.8														80			1
7:1 59		• 2			1													8		434	
55/ 57		• 2		1		†												2	2		
55/ 65		1		1	ĺ	1												1	1	109	34
54/ 53				1			†													1	
62/ 61				1													İ	1)		6
5./ 59				†	 												 				4
58/ 57			İ]		Ì]]	1) ;	,	Ì
OTAL	• 5	2.3	13.3	38.3	38.3	7.5	<u>ت</u> .							 			 		930		93
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Element (X)		Z X?		 	ZX	' 	X	· .	' 	No. Oh	s.			·	Mean I	to, of H	ours wit	h Tempera	ture		
Rel. Hum.		491	4474		672	52	72.3	7.4	25		30	1 0 F		≤ 32 F	≥ 67		73 F	≥ 80 F	≥ 93 1	F	Total
Dry Bulb			4172		694	32	74.7	1.8	10		30		-i-		93		84.0		2	_	
Wet Bulb			2119		537	49	68.5	1.5	72	9	3 C		$\neg \vdash$		82		•1				 ç
Dew Point			6738		6.5		65.2				37				24				- 	_	

USAFETAC

PSYCHROMETRIC SUMMARY

22521 HONOLULU IAP HI 70-79

STATION STATION HAME

PAGE 1 2630-6800 HOURS (L. S. T.)

						W C -	0111 0 =		. T.I.D.C	OF OF	CCION (70741		TOTAL	L. S. T.)
Temp. (F)							BULB T						00 04	20.00		20 20		TOTAL D.B./W.B.	D. B. II.		D D
	U	1 - 2	3 - 4	5 - 6	7 - 8		11 - 12		15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	231	 			Dew Poin
84/ 83					,	. 1		• 1							ļ			5	. 5 ~ 3	ĺ	i
82/ 81					2 6					 					 -		 -	33	33	 	
80/ 79				• *	2.4	8.7	• 3	i							į		1	112	112	İ	
78/ 77			• -	2.7	17.2	4.0	1.3								ļ	 	 	235	235		
75/ 75		• 2	1.5	12.6	12.9	3 • 2	}	į									ļ	286	286		Į
74/ 73			4.2	12.7	3.3	• 9				ļ				<u> </u> _	<u> </u>	<u> </u>	<u> </u>	198	198		
72/ 71	• 1		3.2		• 3										ļ	ĺ		51	51		
73/ 59		.2	• 5		ļ					 						L	 	8	8		
58/ 67		• 2	1												!	!	İ	2	2	1	
66/ 65				·				·		1				· 	<u> </u>	<u> </u>	<u> </u>			54	
54/ 63		ĺ			i		;	İ			i i				1		-	i l		3	
52/ 51		<u> </u>			ļ		<u>.</u>	·						· 	<u></u>		<u> </u>			 	65
6 / 59				;	,		ı,	i						!		1		! !		!	42
58/ 57				 						ļ					<u> </u>	<u> </u>		İi			<u> </u>
JATOT	•i	1.6	9.7	29.6	36.3	19.4	3.2	• 1		1					1			!	930		930
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Element (X)		Σχ²	<u> </u>		Σχ		X	₹		No. OI	s. I			1	Mean	No. of I	fours wit	h Temperat	ure		
Rel. Hum.	 -		1761	 	647	97	69.7				30	± 0	F	≤ 32 F	2 67	-	≥ 73 F	≥ 80 F	× 93	F	Total
Dry Bulb			0668	 	7.5	36	76.0	2.4	71 1	<u>ģ</u>	30	-		_ <u></u> -		.0	36.9	1			93
Wet Bulb	 		4712		641		65.				30					• 3	1.7		-		93
Dew Point	 		7068		607		65.3				30					•5	-+•'	 			93
vini	L	370	1000	1	001	1.5	0303	6.3	<u>: '\</u>		20 1			~	1 20	• 51		1			7 3

PSYCHROMETRIC SUMMARY

22521 HONOLULU IAP HI 70-79 WET BULB TEMPERATURE DEPRESSION (F) TOTAL 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 | 28 | 29 - 30 | = 31 (F) D.S. W.B. Dry Bulb Wet Bulb Dew Point 38/ 87 86/ 85 21 95 1.1 1.1 21 1.1 8.3 .1 2.314.5 9.0 1.1 84/ 83 247 .810.117.1 4.910.5 3.9 82/ 81 303 190 190 2.9 1.1 751 75 15 1 74/ 73 72/ 7: 433 11 7./ 59 58/ 57 5i 168 66/ 55 339 64/ 53 225 86 53/ 59 36 56/ 57 53/ 55 TOTAL 1.2 2.9 9.224.136.222.9 3.1 930 930 930 93G Element (X) No. Obs. Mean No. of Hours with Temperature 3104506 Rel. Hum. 930 ≥ 67 F | ≥ 73 F | ≥ 80 F Dry Bulb 6227377 76067 81.8 2.470 937 93.0 92.9 76.9 7 .. 9 1.518 930 92.6 4571129 55893 13.2 Wet Bulb

AFETAC FORM 0.26-5 (OL.A) REVISE MENOUS ERFONS OF

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(OLA)

0.26.5

PSYCHROMETRIC SUMMARY

HONOLULU IAP HI STATION NAME PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL Temp. (F) TOTAL D.B./W.B. Dry Bulb Wet Bulb Dew Point 0 1 . 2 3 . 4 5 . 6 7 . 8 9 . 10 11 . 12 13 . 14 15 . 16 17 . 18 19 . 20 21 . 22 23 . 24 25 . 26 27 . 28 29 . 30 23 9./ 89 1.4 15 15 33/ 87 .6 6.010.1 85/ 85 .5 5.320.6 5.8 312 312 •3 2•312•912•2 3•5 •4 3•1 8•3 3•• •2 271 271 92/ 81 8_/ 79 921 140 140 78/ 77 75/ 75 74/ 73 232 72/ 7: 436 7.1 69 49 58/ 57 55/ 65 338 243 52/ 118 5:/ 59 37 58/ 57 ·3 1·5 7·425·641·922·0 1·1 TOTAL 933 930 930 20 E Element (X) No. Obs. Mean No. of Hours with Temperature Rel. Hum. 51.6 5.635 84.5 2.155 48:32 267 F = 73 F × 80 F × 93 F 2510222 937 10F 93.0 Dry Bulb 78531 93.0 91.8 47593 14 71.5 1.634 93.0 Was Bulb 66512 930 25.5 Dew Point

GLOBAL CLIMATOLOGY BRANCH USAFETAC **PSYCHROMETRIC SUMMARY** AIR WEATHER SERVICE/MAC 22521 HONOLULU IAP HI 70-79 STATION NAME STATION 1538-1790 HOURS (L. S. T.) PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 D.B./W.B. Dry Bulb Wet Bulb Dew Point (F) 92/ 91 1 9<u>6</u>/ 89 28/ 87 .5 3.1 4.1 75 .2 2.217.5 3.4 86/ 85 218 218 84/ 83 82/ 81 •? 3•214•413•2 3•1 1•1 5•012•5 4•7 318 318 216 80/ 79 77 1.5 5.2 1.4 78/ 77 14 75/ 75 74/ 73 • 1 14 2 170 72/ 71 438 7u/ 69 58/ 67 255 60 50 125 66/ 65 332 54/ 53 52/ 51 256 112 6_/ 59 39 58/ 57 TOTAL .6 3.413.931.139.011.2 929 929 929 929 Element (X) Zy? No. Obs. Mean No. of Hours with Temperature X CO CO USAFETAC 2705185 267 F 273 F 280 F 293 F Rel. Hum. 49813 53.6 6.072 927 6471818 93.0 92.9 88.0 77508 83.4 2.367 929 Dry Bulb

929

929

92.8 18.4

18.9

93

4706726

3902741

Wet Bulb

66108

63173

71.2 1.527

64.8 2.373

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC HONOLULU IAP HI STATION NAME

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PSYCHROMETRIC SUMMARY

PAGE 1

Temp						WET	BULB 1	FEMPER	ATURE	DEPRE	SSION (F)			_			TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10			15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28 2	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Poin
36/ 85																		1	1		
94/ 83						8.	3.1	• tį										4.0			
82/ 81				1	1.2	7.6	8.5	• 5										157			
83/ 79				• 9	3.3	23.7	3.2	_ • 8									<u> </u>	296			
78/ 77				2.2	20.3	7.3	1.9				i							298	298		
75/ 75		1	8 •	3.7	6.2	1.3	• 1										1	113	113		
74/ 73			• 6	• 5	• 3													14	14	53	
72/ 71				¦ i	!		i i													243	
7-/ 69																				473	50
58/ 67				!		•					l	ĺ								144	140
66/ 65							1								i		i i			19	380
54/ 53					1						!	į			1						243
52/ 61					1		1			1											71
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58/ 57					i		 										1				2
OTAL		. 3	1.9	7.2	31.4	40.5	17.3	1.8											929		929
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Element (X)		Σχ²		 	ZX		X	•,	-1	No. Ob		1		L	Maga N		doues wish	Tempera			L
Rel. Hum.			7897		586	135	63.1				29	± 0 F		32 F	≥ 67 I		≥ 73 F	≥ 80 F	≥ 93 f		Total
Dry Bulb		576	5776		731	60	78.3	2.1	59		29				93.		93.0			_	93
Wet Bulb			5892		648		69.9				29		_		91.		5.3		_		93
Dew Point			2083		634		65.1				29				20				-		93

PSYCHROMETRIC SUMMARY

IH GAI UJUJONCH STATION NAME TOTAL WET BULB TEMPERATURE DEPRESSION (F) TOTAL 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 23 D.B./W.B. Dry Bulb Wet Bulb Dew Point 82/ 81 12 12 6.6 85/ 79 92 1 5 3 1 3 3 8 • 2 2 8 1 3 • 4 2 2 • 9 5 • 3 • 1 2 • 7 5 • 7 1 • 3 • 1 78/ 77 75/ 75 344 344 388 388 74/ 73 72/ 71 517 46 53/ 67 169 55/ 65 54/ 63 4 32 52/ 61 56/ 55 TOTAL .4 5.517.958.317.7 929 929 929 929 Mean No. of Hours with Temperature 4383209 63541 68.4 6.333 929 Rel. Hum. 267 F 273 F 280 F 293 F ± 0 F Total 71°32 64279 76.5 1.647 69.2 1.484 5433674 Dry Bulb 929 93.0 92.9 4449611 89.1 Wet Bulb 22.9

ISAFETAC FORM 0.26-5 (OLA) REVISE METODS SENIONS OF THIS FORM ARE OSSO

HONOLULU IAP HI

PSYCHROMETRIC SUMMARY

STATION				5	TATION -	AME								YE	ARS					NTH
																	PAG	E î	HOURS (LL L. S
Temp.						WET	BULB 7	TEMPER	ATURE	DEPRE	SSION /	F)					TOTAL		TOTAL	—
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8								23 - 24	25 - 26	27 - 28 29	. 30 ≥ 31	D.B./W.B.	Dry Bulb		De
92/ 91									-0								1	1		
91/ 89	i		1	i		1			. 2	• 3	ė i		j)		1	21	21	į	
88/ 87						1	• :	1.3									257	257		
86/ 85	i		!	•		. 1	1.1										526	625	ĺ	
84/ 33				<u> </u>	• 1	1.1	5.4		1.0	• 9				1			882	882		Г
82/ 81	i		1	. 1	. 5			1.5	. 1	:							875	875	l	ĺ
8%/ 79			• 1	• 2	2.2	7.4	1.3	• 2									844	844		Γ
78/ 77	}		• 1	1.7	13.1	2.3	• 5		1]]					1313	1313	1	
76/ 75		• 1	1.1	7.3	11.3	2.5	. 1										1523	1520	44	Γ
74/ 73	•	• 3	2.4	5.3	1.3	• 3		i i	!								830			L
72/ 71	• 1	• 2	1.1		• 1									·			145		2046	Γ
721 59	[• i	• 2	<u>. u</u>	1												19	19	3082	L
68/ 67		• 1															4	4		
55/ 55				<u> </u>						·									296	
54/ 63																			5	1
62/ 51				<u> </u>	1		1							l						
63/ 59							i												i	
58/ 57				<u>.</u>																
56/ 55				1	1		_	1	1								_	[İ	
TOTAL		• 7	5.0	15.8	28.7	17.4	14.3	13.2	4.5	• 2	<u> </u>							7437		1_
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Element (X)		Σχ'		-	ZX		X	TA.		No. Ob)			<u> </u>	Mean No.	of Hours wi	th Tempera	ture		L.
Rel. Hum.			9993		4759	86	63.3	10.19	92		37	⊴ 0 1	<u> </u>	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93	F	To
Dry Bulb			4659		5868	29	78.9	4.2	80		37		_				2 300.		\neg	
Wet Bulb		3635	2397	7	5197			1.9			37		-		713.9				_	
Dew Point		7156	4074	<u>.</u>	4841		65.1				37				180.6			_		

GLOBAL CLIMATOLOGY BRANCH USAFETAC **PSYCHROMETRIC SUMMARY** AIR WEATHER SERVICE/MAC 1 22521 76-79 HONOLULU IAP HI ľ. 0000-0200 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) 1 - 2 | 3 - 4 | 5 - 5 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 D.B. W.B. Dry Bulb Wet Bulb Dew Point 82/ 81 83/ 79 9.4 153 6.1 153 .3 4.119.3 4.7 3.223.615.5 3.4 73/ 77 269 269 3.4 409 75/ 75 409 74/ 2.8 4.6 83 83 . 2 72/ 71 • 9 11 236 47C 71/ 59 100 68/ 67 56/ 55 64/ 63 62/ 51 63/ 59 63 TOTAL 1.3 7.230.542.318.0 930 932 930 930 C ã 0.26-5 (OL Element (X) Mean No. of Hours with Temperature O G USAFETAC 4636633 70.3 6.780 Rel. Hum. 65363 267 F | ≥73 F | ≥80 F | ≥93 F 71135 54442"3 76.5 1.839 930 93.0 91.9 5.6 Dry Bulb 4517772 64798 69.7 1.558 Wet Bulb 930 91.1 3.1 Dew Point 37.8

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2252_ HONOLULU IAP HI
STATION STATION NAME

Temp.
(F) 0 1-2 3-4 5-6 7-8 9-

PSYCHROMETRIC SUMMARY

70-79

YEARS

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MONTH

) 0300-0560 HOURS (L. S. T.)

Temp.										DEPRES								TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8			13 - 14	15 - 16	17 - 18 1	9 - 20	21 - 22 23	- 24	25 - 26	27 - 28	29 - 30	231	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Por
92/ 81				ĺ	1	• 2	·)			1 1			l]	i			2	2		
9./ 79					4.9									i	i			85	85		
78/ 77					15.8								-					203	283		
76/ 75		• 3			14.3		1			1 1				l				358	358		
74/ 73		1.0			2.3	• 3	3							Ì				208	208	28	
72/ 71		. 4	4.3	_ • 5	• 5		, 1							[l	54	54	175	25
73/ 69		• 4	1.4	ł	. i		i											18	18	438	69
58/ 57		. 3		<u> </u>	• :	<u> </u>	11						i	l	1		i	2	2	226	247
55/ 65													•	i						58	381
54/ 53		1		;)		! 1					j	1]	1		i l			4	128
52/ 61		T			,		1 !														56
55/ 59		Ι.			}	1	, 1						l	Ī	1			i		1 1	•
58/ 57							<u> </u>			-											
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JATC		2.3	14.4	33.7	38.5	10.4	• 5						i				1		930	<u> </u>	93!
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Dry Bulb							75.5	407	<u> </u>	93					93		85.6		<u> </u>		9
Wet Bulb			5230		643		69.2	1.7	58	93			-		86		2 • 3		-		9.
Dew Point		4.4.3	7438		612	54	65.8	2.4	57	93	ו עו		ł		34	• ZI	• 1	l	į.	ı	9.

GLOBAL CLIMATOLOGY BRANCH USAFETAC **PSYCHROMETRIC SUMMARY** AIR WEATHER SERVICE/MAC 22521 HONOLULU IAP HI STATION STATION NAME <u> 3630~08∂</u>2 PAGE 1 HOURS (L. S. T.) TOTAL TOTAL WET BULB TEMPERATURE DEPRESSION (F) (F) 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 D.B./W.B. Dry Bulb Wet Bulb Dew Point 34/ 63 82/ 81 •1 1•1 3•8 1•3 12 12 80/ 79 .1 1.3 6.2 8.9 1.6 159 169 78/ 77 3.718.1 4.2 254 254 2.913.611.8 2.5 3.5 8.3 1.3 .2 76/ 75 74/ 75 258 258 133 72/ 71 2.7 • 6 . 5 37 37 248 3 ī 73/ 69 63/ 67 254 65/ 65 340 54/ 63 142 (52/ 61 55 57/ 59 19 58/ 57 TOTAL 1.313.524.538.519.7 4.7 930 930 930 933 õ Element (X) No. Obs. Mean No. of Hours with Temperature 69.9 8.007 76.6 2.732 69.7 1.852 4609008 65746 930 267 F × 73 F × 80 F × 93 F 71251 93.0 12.5 54656.5 930 37.6 Dry Bulb 4516334 64786 930 Wet Bulb 89.3 5.2 93 93

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PSYCHROMETRIC SUMMARY

HONOLULU IAP HI 73-79 PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL D.B. W.B. Dry Bulb (F) 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 Wet Bulb Dew Point 91/ 89 88/ 87 • 2 • <u>1</u> 2.4 1 .6 5.012.0 1.0 2.0 4.213.2 7.6 .8 86/ 85 184 184 84/ 93 296 296 32/ 31 .2 2.511.111.5 2.4 253 253 .5, 2.9 5.3 1.8 81/ 79 98 98 1.1 1.4 78/ 77 26 26 76/ 75 74/ 258 72/ 71 73/ 59 192 68/ 67 56/ 65 334 54/ 53 52/ 61 53/ 59 TOTAL 8.121.237.525.6 4.3 933 930 930 Element (X) No. Obs. Mean No. of Hours with Temperature 53749 57. 7.015 77142 82.7 2.456 66754 71.8 1.631 Rel. Hum. 930 ≥67 F ≥ 73 F ≥ 80 F = 93 F 3068307 ± 0 F ≤ 32 F Dry Bulb 6434436 930 93.0 93.0 85.8 4793974 Wet Bulb 93.0 30.5 93 Dew Point

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PSYCHROMETRIC SUMMARY

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Rel. Hum.		250	2812		479	70	55	5.4	52	9	31	± 0	F	≤ 32 F	≥ 67	FI.	73 F	≥ €0 F	≥ 93	F	Total
Dry Bu'',		684	J136		797	32	85.7	2.3	88	9	33				93	•0	93.0				
Wet Bulb			2679		673			1.5			32				93		44.8		- -		9
Dew Point			3842				65.7	200	2.1		3)					•7	• 8		- -		<u>\$</u>

PSYCHROMETRIC SUMMARY

2521	H (ONOLU	ru I	AP H	I ATION NA	ME				73-	79			YE	ARS					A MOI	UG NTH
																		PAGE	1	1500 HOURS (- 17:
Temp.						WET	BULB	TEMPER	ATURE	DEPRE	SSION (F)						TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7.3	9 - 10	11 - 12						23 - 24	25 - 26	27 - 28 2	9 - 30	≥ 31	0.8./W.8. (Wet Bulb	Dew F
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35/ 85			l			1.5	5.7	19.9	3.4		1	i	1	1 1				289	289		
54/ 83				• 1	1.3	2.7	12.2	13.2	• 9	1	<u> </u>	<u> </u>	<u> </u>					282	282		
82/ 81				• 4				1 . 7			1		!		-			149	149		
8./ 79			ļ	• 3	• 4	1.2	• 1	<u>i • i </u>		<u> </u>		ļ	 	<u> </u>				20	20		
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Re!, Hum.			12763		497	81	53.5	6.4	IJ3	9	30	± 0	F	≤ 32 F	2 67		73 F	≥ 80 F	≥ 93	F	Total
Dry Bulb		€ 54	3397		785		84.5			9	30				93.		93.0	91.4	17		
Wet Bulb		462	9229)	669	99	72.				30				93.		36.1		7		
Dew Point			9210		61.7	94	65.7	2.4	97	9	30				33.		• 9		 		

MARY

AUG ONTH 1-1700

Dew Point

93 93 93 GLOBAL CLINATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY |

| AUG | STATION | STATION NAME | TOTAL | STATION NAME | STATION NAME | PAGE 1 | 18 PU - 2000 | Hours (t, s, t,) |

| Temp. | WET BULB TEMPERATURE DEPRESSION (F) | TOTAL | TOTAL | TOTAL |

lemp.			,			WEI	BULB	EMPER	AIUKE	DEPRE	DOICE:							IOIAL	L	IOIAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Pos
35/ 85							• 2	• 5										7	7		
84/ 83		1			• 2	1.4	5.3	• 3	•	1	ļ		i	i				77	77		
92/ 81				• 4	2.7	11.7	10.8	1.2							1			249			
9.7 79			• 2	1.3	8.4	22.4	3.7			1	j							328			
78/ 77		1 1	• 2	2.7	14.2	5.1	1.3	i							i		i	218			
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Dry Bulb	5913228		1222	74132			79.7	2.1	2 3	93 93		= 0	<u>'</u>	32 F	≥67 F ≥ 73 F 93•0 92•9						
Wet Bulb			5213		657		73.7	3.6	15		30				92				٠		9.
			7333				65.9				37						10.3				93
Dew Foint		7 U Y	1 2 2 3		012	1 3)	00.7	203	34		ا ، د				33	• 31	• 8				93

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC 22521 HONOLULU IAP HI STATE

PSYCHROMETRIC SUMMARY

Temp.															TOTAL TOTAL						
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 3	2 31	D.B./W.B.	Dry Bulb V	fer Bulb	Dew Por
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83/ 79				1.5	9.9	12.8			1					i		ļ	i l	226			l
73/ 77	**********		1.5	6.7	26.6	7.2	1.4	 	1			1		i			1	398			1
76/ 75		• 1	1.6	10.3	14.3	1.2		:	i	1							1	256		3	
74/ 73		• 3	• 4	• 3				:		!		 						10		57	
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Rel. Hum.	4354120			63388			3.2 6.01				± 0 F ≤ 32 F				≥ 73 F	> 80 F	≥ 93 F		Total		
Dry Bulb			1495		72:	95	77.5	1.5	67		30		_			• 0	92.7			\neg	9
Wet Bui,			6690		651		70.1	1.6	35		30					• 1	5.0			_	9
Dew Point			6998		615		66.2	2.2	73		3 D					•1	• 2	 			9

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC 22521 HONOLULU IAP HI

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PSYCHROMETRIC SUMMARY

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STATION NAME PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL D.B./W.B. Dry Bulb Wet Bulb Dew Point 0 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 2 31 (F) 92/ 91 91/ 89 94 3.3 6.8 3.1 38/ 87 • 5 2 • 1 512 512 85/ 85 808 808 34/ 83 5 • 3 3.5 816 815 82/ 81 4.5 817 317 821 4.9 8.5 • 8 1094 1094 2.711.9 2.9 18/ 77 1377 1377 • 6 75/ 75 74/ 73 1.4 7.4 7.5 1.5 1349 1340 166 1.5 3.3 438 438 1231 72/ 71 106 2548 1.7 209 106 73/ 69 33 2536 593 53/ 67 837 1871 56/ 55 2777 121 54/ 53 1265 62/ 51 463 5./ 59 114 58/ 57 56/ 55 .8 4.714.826.519.313.514.2 5.5 TATCT 7440 744C 7440 7440 9 Element (X) No. Obs. Mean No. of Hours with Temperature 473379 267 F 273 F 280 F 293 F 744.3 729.7 349.4 730.9 138.8 334872 3 63.210.281 7440 Rel. Hum. 79.9 4.339 70.7 2.028 Dry Bulb 476 11751 594235 7440 72113 i 525951 744 Wet Bulb 7440 281.3

PSYCHROMETRIC SUMMARY

HONOLULU IAP HI PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - .0 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ± 31 | D.B./W.B. Dry Bulb | Wet Bulb | Dew Point (F) 1 5.4 22.9 5.7 3.9 23.1 12.5 2.3 .7 6.6 8.7 1.3 82/ 79 78/ 77 36 309 75/ 75 377 377 74/ 73 149 149 .1 2.4 72/ 71 24 24 212 20 7:/ 69 480 102 58/ 67 308 55/ 55 54/ 63 83 62/ 51 67 54/ 59 4 TOTAL ·913.637.339.79.7 .2 900 920 933 Element (X) Maan No. of Hours with Temperature 72.4 6.353 75.8 1.725 59.5 1.449 65133 68239 62628 900 900 Rel. Hum. 4755899 2 67 F = 73 F = 80 F = 93 F ≤ 0 F 5176635 Dry Bulb 90.0 87.1 We: Bulb 4359960 88.1 1.6 90 Dew Point

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GLOBAL CLIMATOLOGY BRANCH PSYCHROMETRIC SUMMARY USAFETAC AIR WEATHER SERVICE/MAC £ 22821 HONOLULU IAP HI STATION NAME C 7300-0500 HOURS (L. S. T.) PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL €. 0 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 21 D.B. W.B. Dry Bulb Wet Bulb Dew Point (F) 8./ 79 78/ 77 18 13 9.3 1.3 9.813.3 2.9 .311.3 1.2 .4 t 75/ 75 2.3 355 355 74/ 73 246 245 71 721 120 119 14 120 C 7u/ 59 .5 2.8 458 31 81 58/ 57 252 271 55/ 65 54 366 C 64/ 63 85 52/ 51 69 59 10 (_ 58/ 57 TATEL 2.326.143.226.5 4.9 899 899 899 899 g 0.26.5 5102799 X 75.J 7.313 74.5 2.964 Element (X) 57411 No. Obs. Mean No. of Hours with Temperature USAFETAC 899 Rel. Hum. ≥ 67 F ≥ 73 F | ≥ 80 F | ≥ 93 F 66997 49967.5 Dry Bulb 899 89.9 74.7 62,32 4282562 69.6 1.595 899 84.4 90 Wet Bulb 36.8

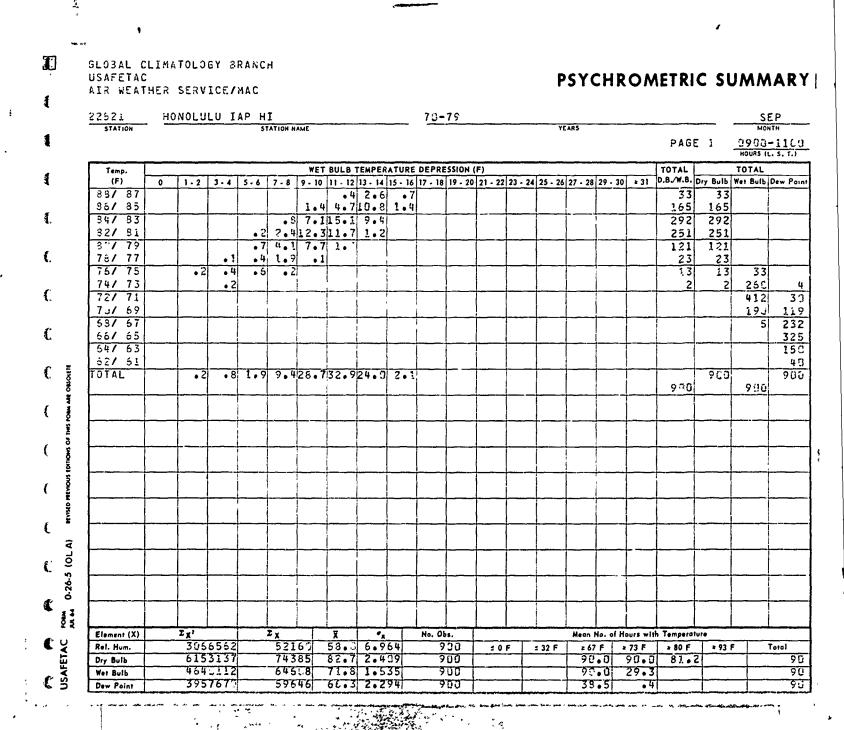
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PSYCHROMETRIC SUMMARY

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PSYCHROMETRIC SUMMARY

HONOLULU IAP HI 70-79 STATION NAME 1280-1462 HOURS (L. S. T.) PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL D.B./W.B. Dry Bulb Wet Bulb Dew Point (F) 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 .4 2.4 92/ 91 91/ 89 88/ 97 1.213.912.6 1.4 235 235 85/ 85 .1 3.0 7.321.1 5.2 331 331 84/ 93 1.1 4.3 9.8 6.5 197 197 1.2 3.7 3.3 82/ 81 76 89/ 79 • 8 21 21 • 7 78/ 77 751 75 • 2 78 74/ 73 333 72/ 71 404 40 73/ 69 94 53/ 67 197 56/ 65 310 54/ 53 187 62/ 51 56 6J/ 59 4 TOTAL .6 1.3 3.311.921.738.421.0 1.8 900 962 900
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 Element (X) Mean No. of Hours with Temperature 47815 Rel. Hum. 900 ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F 2594683 10F ≤ 32 F 5528974 75628 Dry Bulb 900 90.0 90.0 88.1 90 72.5 1.526 66.0 2.557 Wet Bulb 4728370 65220 900 90.0 41.6 3930897 59435 Dew Point 900

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC HONOLULU IAP HI 73-79 PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 D.B./W.B. Dry Bulb Wet Bulb Dew Point • 2 • 5 • 7 3• 7 4• 3 93/ 89 88/ 87 86/ 85 .9 5.918.8 3.1 .2 5.115.911.7 1.3 258 258 34/ 33 375 305 82/ 81 2.1 6.21J.8 181 181 1.5 2.7 46 46 78/ 77 3.3 1.3 76/ 75 74/ 73 72/ 71 73/ 59 63/ 67 65/ 55 54/ 63 62/ 51 54/ 59 TOTAL ·2 1.2 1.5 4.015.033.435.2 9.0 910 900 Ö 5 X Element (X) X *x 55.2 7.239 83.8 2.362 No. Obs. Mean No. of Hours with Temperature 2781617 49519 900 Rel. Hum. ≥67 F ≥ 73 F ≥ 80 F ≥ 93 F 632,351 75391 900 70.0 Dry Bulb 95.0 86.6 4551722 64693 71.9 1.472 93.0 29.3 Wer Bulb

PSYCHROMETRIC SUMMARY

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1530-1760 HOURS (L. S. T.)

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PSYCHROMETRIC SUMMARY

HONOLULU TAP HI 73-79 PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) Temp. D.B. W.B. Dry Bulb Wet Bulb Dew Point 1.2 3.4 5.6 7.8 9.10 11.12 13.14 15.16 17.18 19.20 21.22 23.24 25.26 27.28 29.30 231 88/ 87 84/ S3 1.012.325.7 2.6 4 4.120.5 3.9 1.0 82/ 81 167 167 82/ 79 373 373 78/ 77 279 270 75/ 75 74/ 73 1.3 2.6 2.1 .1 55 82 359 73/ 69 97 431 58/ 57 252 65/ 55 344 54/ 53 52/ 61 143 43 84/ 59 TOTAL 2.1 8.035.940.911.9 960 900 993 No. Obs. Element (X) Mean No. of Hours with Temperature 3801785 5629857 Rel. Hum. 64.7 6.550 900 ≥67 F ≥ 73 F × 80 F = 93 F 900 Dry Bulb 71163 90.0 79.1 1.826 90.0 35.0 90 44842.5 7:..6 1.419 Wet Bulb 89.9 8.6 90 Dew Peint

USAFETAC FORM 0.26-5 (OLA) TENSE PERPOSE EDITIONS OF THIS FORM ARE OLD OUT IT

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PSYCHROMETRIC SUMMARY

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22521 HONOLULU IAP HI 75-79 SEP
STATION STATION NAME YEARS MONTH

PAGE 1 ALL HOURS (L. S. T.)

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AC FORM 0-26-5 (OL.A) REVISED PREVIOUS EDITIONS OF

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PSYCHROMETRIC SUMMARY |

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73-79

OCT MONTH

PAGE 1

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Element (X)		ZX'	<u> </u>	 	iz x	-	<u> </u>	┪	•,	' 	No. O	, I	<u> </u>			M-0	n No. s	f Hours wit	h Tempera	ture		
Rel. Hum.			4953			<u>) 05</u>	<u>- 2 ج</u>	. 1	7.4	94		30	101	.	- 32 F		57 F	≥ 73 F	2 80 F	1 > 93	F	Total
Dry Bulb			4213			134			2.2			33		_			3.0			91		9
Wet Bulb			3222			100			1.9			30					4.0			-		-
Dew Point			4387		61				2.7			30				.1	7.5					

PSYCHROMETRIC SUMMARY

Temp.							BULB '											TOTAL		TOTAL	
(F)	0	1 . 2					11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28 2	9 - 30	2 31	D.B./W.B.	Dry Bulb		Dew Po
€./ 79	-		• 3		1 1.3					i							[16	16		
73/ 77		- 1	1.1	2.1	9 . 2		5' • 3		i	ļ					1		ļ	131			
76/ 75	• -	• 2	3.2	15.	317.5	2.	,											313	313	6	
74/ 73	ŀ	1.1	5.5	15.	5 1.9	1.1	3		1					Ì				234	234	19	
72. 71		1.6	10.4	1.	2 2	-			:	1								146	145	126	2
7 / 59					4; • 2					!								66	1	1	
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62/ 61								1		•				! !	-		i	-	i !	2	
50/ 59						+ -	+	!	• -					 	_ }_		· 	 	 		
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Element (X)		Σχ²		1	Z _X		X X	· ·	ΉТ	No. Ot	1	L	L	<u> </u>	Mean No	. of h	lours with	h Tempera	ature		<u> </u>
Rel. Hum.			1711		703	25	75.5				30	≤ 0	E	± 32 F	≥ 67 1		≥ 73 F	≥ 80 F	, - ,	F	Total
Dry Gulb			5111		688		74.1				30	2 0	-	- 32 F	92.		69.4	-	73	'	10101
Wet Bulb			6942		639		68.7				30										
			7790										-+-		- <u>81.</u>		2.5			 -	
Dew Point		403	117	<u></u>	617	. 20	65.8	601	4 [<u> </u>	30				35.	4	• 8	<u> </u>			

PSYCHROMETRIC SUMMARY |

22521 HONOLULU IAP HI 70-79 OCT
STATION STATION NAME YEARS MONTH

PAGE 1 7600-0860 HOURS (L. S. T.)

Temp.				·						DEPRE								TOTAL		TOTAL	
(F)	0	1 . 2	3 · 4	5 - 6	7 - 8			13 - 14	15 - 16	17 - 18	19 - 20	21 - 2	2 23 - 2	4 25 - 26	5 27 - 21	3 29 - 3	0 ≥ 31	D.B./W.B.		Wet Bulb	Dew Poir
81 / 83				• 1		• 1				1			İ		1			2	3	İ	
52/ 81			• 1		• 5					<u> </u>								18	18		
86/ 79			• 2				1			-			1	-	1		1	93	93	1	
78/ 77			€ 5		14.3					_ _			<u> </u>			↓	<u> </u>	204	2:14		
76/ 75		• 1		13.9						1				ĺ	İ			241	241		
74/ 73		1.5		10.5	1.2	1.				<u> </u>				<u> </u>				<u>.</u> 76	176	37	5
72/ 71		1	8.1						 				1	l	-			109	189		1
7.1/ 69	• :				• 3					ļ					<u> </u>			57	67		
68/ 67		• 3			• 2	į	i			į	ļ		i	l	1	İ	į	13	13	1	
55/ 55	. 1	•"	• 1				1			<u> </u>								6	- 6		
54/ 53			i	l	i					İ	!	ļ		1	1	1		1	1	29	
52/ 51				<u></u>											<u> </u>	<u> </u>				6	
6 3/ 59							1							Ī							43
58/ 57			<u> </u>				!								1			l			11
56/ 55			i																		1
54/ 53							į i							1	1						1
OTAL	• 2	4.9	21.5	32.2	29.6	9.9	1.6	• 1							1	1			930		930
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Element (X)		Σχ¹			ZX	٠	X	-	<u> </u>	No. Ol	s, i	Ь			Mean	No. of	dours wit	h Tempera	ture		
Rel. Hum.			6854		687		74.5	8.7	55		30	⊴ 0	F	± 32 F		7 7	≥ 73 F	≥ 80 F	≥ 93	F	Total
Dry Bulb			6738		697		75.		76		30					2.3	73.4				93
Wet Bulb			8567		642		69.1				30					3.5	4.4				73
Dew Point		4 36	1949		614		65.0				30		 -			3 . 8	• 8				93

PSYCHROMETRIC SUMMARY

HONOLULU TAP HI STATION NAME 3970-1167 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL D.B./W.B. Dry Bulb Wet Bulb Dew Poin (F) 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 9./ 89 88/ 87 • 3 •1 1..7 4.3 5.3 85/ 85 116 115 34/ 83 8 4.111.6 6.3 1.4 229 229 2.216.013.2 2.9 32/ 81 • 2 293 293 1.1 6.517.5 1.1 2.9 2.3 .1 .4 78/ 55 55 6 76/ 75 .5 1.2 38 74/ 73 210 8 . 2 72/ 71 • 6 444 75/ 69 191 139 55/ 55 317 54/ 53 93 62/ 61 46 50/ 59 58/ 57 1.0 1.2 6.311.932.527.816.6 2.6 .1 930 937 930 930 Element (X) No. Obs. Mean No. of Hours with Temperature ≥ 67 F Rel. Hum. 3415698 930 10F ≤ 32 F 273 F 280 F ≥93 F Total 55820 Dry Bulb 81.8 2.749 937 93.0 92.0 78.3 93 71.5 1.8J3 66.4 2.710 Wet Bulb 4756998 65562 930 92.7 25.6 93 93 4105163 Dew Point

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HONOLULU IAP HI

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4847143

STATION NAME

22521

STATION

PSYCHROMETRIC SUMMARY

93.0 92.4 92.9 37.3

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87.6

93

93

93

1288-1433 HOURS (L. S. T.) PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL D.B. W.B. Dry Bulb Wet Bulb Dew Point 1-2 3-4 5-6 7-8 9-10 11-12 13-14 15-16 17-18 19-20 21-22 23-24 25-26 27-28 29-30 ≥ 31 (F) 92/ 91 91/ 89 1.1 1.4 23 98/ 132 87 .8 4.5 5.2 102 .4 2.4 7.518.5 3.2 83/ 85 3 C 5 305 • 2¹ • 5 4 • 4 1 2 • 4 1 0 • 1 2 • 3 • 8 2 • 5 • 9 5 • 7 • 8 • 1 278 84/ 83 278 142 142 1. 7 1.6 2.3 • ! 46 46 78/ 77 <u>.</u> ų . 4 75/ • 5 64 74/ 73 295 . 2 72/ 71 453 7 1/ 59 142 223 58/ 67 13 66/ 65 291 63 160 62/ 61 40 29 50/ 59 53/ 57 930 TOTAL .8 1.4 2.5 5.315.126.534.912.2 1.2 930 930 936 51698 Element (X) No. Obs. Mean No. of Hours with Temperature 2945093 55.6 8.757 Rel. Hum. 930 ± 0 F ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F ≤ 32 F

930

930

84. 1 2.789 72.2 1.783 66.2 2.859

78117

67120

73-79

Dry Bulb

Wet Bulb

Dew Point

PSYCHROMETRIC SUMMARY

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HONOLULU IAP HI
STATION NAME 73-79 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | 2 31 | D.B./W.B. Dry Bulb | Wet Bulb | Dew Point (F) 3./ 89 • 3 38/ 87 .5 1.3 4.5 8.3 1.5 1.1 3.8 3.7 7.2 1.5 85/ 85 157 34/ 83 254 32/ 81 • 3. 3 • 8 11 • 4 13 • 5 1 • 5 285 • 1 • 8 4• 2 8• 3 1• 3 • 2 1• 3 1• 7 • 6 • 2 81/ 79 137 137 78/ 77 35 35 1.0 76/ 75 •4 •1 •2 45 8 74/ 73 228 4<u>00</u> 72/ 71 42 7./ 59 214 3 139 53/ 57 238 55/ 55 299 64/ 63 164 52/ 51 48 5:/ 59 58/ 57 TOTAL 1.2 2.311.726.033.820.5 3.5 930 Element (X) No. Obs. Mean No. of Hours with Temperature 3215650 54194 58.3 7.874 933 ≥67 F ≥ 73 F ≥ 80 F 81.7 93 Cry Bulb 63192117 76519 82.4 2.720 930 93.0 92.3 Wet Bulb 4777673 66535 71.7 1.867 930 92.7 28.3

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USAFETAC

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC HONOLULU IAP HI (F) 84/ 83 82/ 81 8.,/ 79 78/ 77 76/ 75 74/ 73 721 71 • 1 73/ 69 58/ 67 55/ 55 54/ 53 62/ 51 £3/ 59 58/ 57 TATCT

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(OL A)

PSYCHROMETRIC SUMMARY

OCT

1800-2000 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | = 31 D.B./W.B. Dry Bulb Wet Bulb Dew Point .5 1.5 5.7 .1 11 11 79 .4 1.8 1 3.7 17.5 2.4 .6 4.8 24.7 5.3 2.3 1.5 5.8 7.3 1.3 1.4 .4 .9 302 332 351 351 149 149 13 23 23 74 13 8 8 281 21 411 113 126 265 124 3.3 •9 4•9: •744•23D•5 4•9 930 930 930 93Û Element (X) Mean No. of Hours with Temperature 62490 67.2 7.345 930 93.9 91.5 20.2 93.9 9.1 Rel. Hum. 40 € 78.) 2.133 7.2 1.891 66.2 2.595 5658914 72518 9311 Dry Bulb 459,1751 933 65317 Wet Buib 93

41.0

73-79

STATION NAME

PSYCHROMETRIC SUMMARY

22521 HONOLULU IAP HI 75-79

STATION STATION HAME YEARS

PAGE 1 2132-23-3

HOURS (L. S. T.)

Temp.						WET	SULB '	TEMPER	ATURE	DEPRE	SSION	(F)							TOTAL		TOTAL	
(F)	0	1.2	3 - 4	5 - 6	7 - 8					17 - 18			23 - 24	25 - 26	27 -	28 29	- 30	× 31	D.B./W.B.	Dry Bulb		Dew Poir
82/ 81				• 3											1	_			13			
83/ 79		j	• 5	2.2				İ		j								İ	133			
78/ 77		• 2					1.5			1				 	-	_		— —	349	349		
76/ 75			2.5											1	İ	-			313	313		4
74/ 73		· ti	3.1	4.8	1.3	. 4	• 1			1				†	1	_			95	95		
72/ 71		8.	. 9	• 2	• 2	i		: i		1				1		1			. 9	19		
7:/ 69		• 4	. 4	• 2		·	1					1		 -	1				8	8		115
68/ 57		.3					:	i .		1		Ì			i	- }			3	3		
66/ 65					•		1	 -		1		1		1	!			·			53	
54/ 53		1	1				1			ì		i		1	1	i			[4	
52/ 61						•		;		<u> </u>		<u> </u>			1	1		i				5 ú
51/ 59					,	;	;			i				1					, ,			36
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TOTAL		2.3	7.8	26.6	513.4	10.9	2.2			i				1						930		939
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Element (X)		Σχ¹			Σχ		X	" ,		No. Ob									h Temperal			
Rel. Hum.			3141		655		711.5	7.2	92		30	≰ 0	F	≤ 32 F		67 F		73 F	≥ 80 F	2 3	F	Total
Dry Bulb			8493		711		16.5	2.0	51		35					3 .		90.0		3		93
Wet Bulb			1031		648			1.9			30		ļ_			7 • :		6.0			_	93
Dew Point		408	0298		615	48	66.2	2.7	47	9	30				4	1.	7!	1.5				93

PSYCHROMETRIC SUMMARY

are property

OCT HONOLULU IAP HI 70-79 STATION NAME WET BULB TEMPERATURE DEPRESSION (F) TOTAL (F) 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | = 31 D.B./W.B. Dry Bulb Wet Bulb Dew Poin 92/ 9. 92/ 89 27 27 88/ 87 .2 1.1 161 161 86/ 85 2.7 4.6 • 7 578 . 1 578 .3 1.7 1.3 5.1 84/ 93 4 . 7 3.0 • 6 774 774 82/ 81 3.7 829 329 1.2 4.8 8,/ 79 • 3 5.8 • 7 967 957 78/ 77 3.312.3 1.5 1357 1357 . 1 1.3 8.9 75/ 75 6.3 1.8 1412 1412 27 197 74/ 73 • 5 2.5 5.5 . 4 734 734 941 76 72/ 71 .7 3.1 • 7 361 2241 361 228 75/ 69 1.5 178 178 2609 873 68/ 67 • 3 • 2 49 49 1027 1977 ٠ 56/ 55 1. G 10 303 2650 54/ 53 75 923 52/ 51 351 65/ 59 293 58/ 57 56/ 55 54/ 53 TOTAL .1 2.416.127.326.517.012.3 9.1 2.3 7440 7443 7440 7440 No. Obs. Element (X) ZX X x 66.810.858 Mean No. of Hours with Temperature 496943 267 F 273 F 280 F 293 F 742.9 584.1 279.3 341:54145 7440 Rel. Hum. Dry Bulb 45837994 583 64 78.4 4.399 7440 744 705.4 117.7 36822324 523128 73.3 2.309 7440 744 Wer Bulb 32584554 7440 319.2 15.4 744 Dew Point

FORM 0-26-5 (OL A) REVISED METVIOUS EDITIONS OF THIS FORM ARE ONS

SAFFTAC FORM

PSYCHROMETRIC SUMMARY

22521 STATION HONOLULU TAP HI PAGE 1

Temp.							BULB TI											TOTAL		TOTAL	
(F)	0	1 . 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12 1	3 - 14	15 - lc	18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28 2	9 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Pour
£_/ 79					• 4		1			, 7								4			
78/ 77		• 3		1.1	4.5	• 3	• 1											58			
76/ 75						• 4												190	ì		
741 -3		7	4.9	17.	3.4	1.9	• 8											258	258		3
72/ 71		1 • S	13.2	3.2	1.3	• 6								Ī	1		i	181			
71/ 59		2.3	6 • 3	1.7	_ • 9	• 3								<u> </u>				108	138		
\$8/ 67			2.1.			i	,								!			58			
56/ 55	• 1	1.7	• 8	• 6										ļ	i			28			
54/ 63		• 4		• 2				;				i			i			14			148
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Element (X)		Σχ²	L		Σχ		x			No. Ob	s. 1			<u> </u>	Mean No	o. of H	ours with	Tempera	ure	اـــــا	
Rel. Hum.			7271		591		75.8				00	± 0 I	F :	32 F	≥ 67 1		73 F	≥ 80 F	> 93	F 1	Total
Dry Bulb			0247		652		72.5	3.0	42		20	<u></u>			35.		51.0		7		90
Wet Bulb			3847		6J7	83 6	57.5	2.5	33		00		\neg		65.		• 4				90
Dew Point			3327		55?		54.8				00				24.		• 3				97

STATION

HONOLULU IAP HI

STATION NAME

PSYCHROMETRIC SUMMARY

NOV

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0300-0500 HOURS (C. S. T.) PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL Temp. (F) D.B./W.B. Dry Buth Wet B. Ib Dew Point 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 81/ 79 • 1 78/ 77 . 9 1.3 9.7 5.8 .6 5.414.9 2.5 2.711.7 4.3 2.5 3.7 7.9 1.7 1.1 75/ 75 152 152 223 223 199 72/ 71 • 3 199 46 • 6: 7 1/ 59 228 4.6 3.1 1.8 .2 3.4 1.2 .8 58/ 57 92 315 164 56/ 55 144 54/ 53 1.5 85 183 62/ 51 . 6 59 61 62/ 59 57 58/ 57 56/ 55 13 54/ 53 13 52/ 51 TOTAL .517.131.434.413.9 1.3 1.2 91'0 900 900 930 70801 70801 Element (X) Mean No. of Hours with Temperature 5645573 78.7 9.183 z 67 F | z 73 F | x 80 F | x 93 F Rel. Hum. 20F 45159_4 71.5 3.290 900 64386 81.9 39.9 90 Dry Bulb 4 3 4 8 7 6 4 65316 67.0 2.693 990 59.5 97

70-79

FETAC FORM 0-26-5 (OLA) REVISE PREVIOUS

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC 22521 HONOLULU IAP HI STATION STATE

Dew Point

PSYC OMETRIC SUMMARY

7686-3866 HOURS (L. S. T.) PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | 2 31 D.B./W.B. Dry Bulb Wet Bulb Dew Point (F) 8./ 79 •2 •7 •2 1•7 5•2 15 15 75/ 75 1.9 9.2 5.9 1.2 176 176 4.714.8 2.1 1.1 74/ 73 1.1 220 2. 8.4 4.3 1.4 72/ 71 151 151 75 7:/ 59 3.4 7.1 1.7 .9 119 119 255 4.2 1.9 1.9 68/ 67 75 75 281 167 35/_55 3.9 • 7 14. 1.9 54/ 53 24 24 78 207 62/ 51 59 55/ 59 47 11 58/ 57 <u> 36</u> 567 55 14 52/ 5% TOTAL ·317·225·235·017·5 3·3 1·2 900 900 900 930 Element (X) Mean No. of Hours with Temperature 5499341 69823 267 F 273 F 280 F 293 F Rel. Hum. 77.5 9.574 900 ± 0 F 64885 72.1 3.603 60559 67.3 2.746 4689521 64385 Dry Bulb 900 82.0 47.5 90 Wet Bulb 4 18 1661 900 90 61.6

70-79

PSYCHROMETRIC SUMMARY

267 F | 273 F | 280 F | 293 F

9.8

38.3

90

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90

92.0 87.5

83.5

<u> 225</u>21 HONOLULU IAP HI 70-79 STATION STATION NAME 7933-1158 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL (F) D.B./W.B. Dry Bulb 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | = 31 Wet Bulb Dew Point 93/ 87 • 1, 86/ 95 .6 1.0 .2 .9 5.1 1.2 1.6 9.8 8.2 1.2 £4/ 83 58 68 82/ 81 188 188 •4 1 • 7 6 • 7 1 7 • 9 1 • 8 •6 3 • \$ 1 ? • 4 3 • 1 2 • 9 8:/ 79 257 257 78/ 77 192 192 7 2.3 75/ 75 1.1 4.3 4. 117 117 .9 1.2 .9 36 36 86 7 i 721 1.3 . 51 28 20 323 22 7.1/ 59 319 93 58/ 57 95 198 285 64/ 63 17ũ 6:/ 59 28 58/ 57 56/ 55 8 54/ 53 1.7 4.110.824.134.819.6 4.8 905 900 900 Mean No. of Hours with Temperature

900

900

AFETAC FORM 0.26-5 (OLA) REVISED INTENDES FEDIONS OF THIS FORM ARE DES

USAFETAC FORM 0.2

Rel. Hum.

Dry Bulb

Wet Bulb

57414

71007

631,0

5610119

4429575

63.8 8.940

78.9 2.965 7).1 2.170

PSYCHROMETRIC SUMMARY

V O V HONOLULU IAP HI 70-79 STATION NAME PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 231 (F) D.B./W.B. Dry Bulb Wet Bulb Dew Point 88/ 87 •1 •9 •1 2•3 7•3 . 8 16 16 86/ 35 9 2 90 .1' .1 2.1½1.1½4.7 3.3 .4; 1.2; 3.5; 8.3; 2.1; 1.7 94/ 83 • 9 • 3 202 202 32/ 31 288 288 801 79 159 159 78/ 77 .2 1.4 3.2 1.1 1.3 72 72 • 2 1.2 2.7 • 7 751 75 49 49 15 .8. .6 74/ 73 17 17 155 72/ 71 • 3 366 23 73/ 59 96 251 55/ 57 187 59 66/ 65 35 272 64/ 53 187 62/ 51 6 D 53/ 59 27 53/ 57 24 56/ 55 1.2 5ª/ 53 TOTAL .1 1.4 2.8 6.319.424.131.829.9 3.1 900 900 900 930 Element (X) No. Obs. Mean No. of Hours with Temperature 59.2 9.624 61.2 2.992 70.8 2.991 32391J2 5937922 Rel. Hum. ≥67 F | ≥73 F | ≥80 F | ≥93 F 53294 900 1 32 F Total Dry Bulb 73 154 900 90.0 89.3 68.1 93 Wet Bulb 4516863 63731 900 85.9 17.3 911 3853651 65.4 3.264 900 31.5

PSYCHROMETRIC SUMMARY

And the second second second

HONOLULU TAP HI NO Y PAGE 1 1500-1700 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL (F) 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | 251 D.B./W.B. Dry Bulb Wet Bulb Dew Point 88/ 87 35/ 35 84/ 83 .9 6.6 2.J 89 89 • 1 2.3 8.711.1 2.1 82/ 83 223 223 3.7 79 279 279 78/ 77 76/ 75 77 • 1 72/ 71 75/ 69 • 8 15 333 14 15 337 86 68/ 67 152 171 55/ 55 39 288 841 63 199 62/ 61 75 55/ 59 32 58/ 57 19 56/ 55 54/ 53 1.4 3.4 3.817.733.125.7 3.9 TOTAL 950 930 990 930 Element (X) No. Obs. Mean No. of Hours with Temperature 62.0 9.295 79.5 2.959 55782 3535034 900 ≥67 F = 73 F = 80 F = 93 F Rel. Hum. 10F 90 5 937 19 71535 930 38.2 Dry Bulb 75.1 2.305 05.1 3.51 85.1 4428466 631.6 7.9 90 900 Wet Bulb 3825629 58513

FORM 0-26-5 (OLA) REVISE MEYOUS EDITIONS OF THIS FORM ARE

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PSYCHROMETRIC SUMMARY

HONOLULU IAP HI

1800-2000 HOURS (L. S. T.) PAGE 1

Temp.											SSION (TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	231	D.B./W.B	Dry Bulb	Wet Bulb	Dew Point
82/ 81						• 1							-					1	1		
85/ 79				• 7	2.7	4.0		1	1	'							1	56	66	[
78/ 77			• 4	3.1	18.9	2.3	• 1											224	224		
76/ 75			2.0	14.0	15.4	4.7	.6				1 !					l	1	330	330	1	
74/ 73		• 4		17.2			• 4										1	174	174		
72/ 71		.4	2.7	1.8	1.8	1.0			ĺ]							1	70	70		
73/ 69		• 9														i	 	33	33		
68/ 67		• 1	1					i '		1				1		İ)	2	2	1	
56/ 65				<u> </u>	 	 			 							i				88	
641. 63			ì	1		1		j '	ĺ	1						1	ĺ	i i		32	
62/ 61			 	 	 	 	 	 		 						 	 	 		17	
60/ 59			ļ		1	l			ļ							ŀ	1	[l		39
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Element (X)		z _X ,			Σχ	$-\Box$	X	" 2		No. Ol								h Temperat			
Rel. Hum.			3773		633	77	70.4	7.5	23		30	≤ 0 1	F :	≤ 32 F	≥ 67		73 F	≥ 80 F	≥ 93	F	Total
Dry Bulb			0000		677		75.3				00				90	•0	79.5	1.	3		90
Wet Bulb			5447		617			2.2			00					• 3	2.3				90
Dew Point	-	700	9026	1	584	0.71	65 • G	7 0	4 -		63					• 9			7		90

GLOBAL CLINATOLOGY BRANCH USAFETAC PSYCHROMETRIC SUMMARY AIR WEATHER SERVICE/MAC HONOLULU TAP HI YFARS STATION NAME €. 2100-2300 HOURS (L. S. T.) PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL D.B. W.B. Dry Bulb Wet Bulb Dew Point (F) 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | 21 84/ 83 83/ 79 €. .5 2.7 8.3 78/ 77 112 112 1.816.011.7 1.6 76/ 75 281 281 5.117.8 2.7 74/ 73 257 257 • 1 C 72/ 71 3.7 2.4 1.5 131 73/ 69 4.2 1.3 1.2 71 71 55 58/ 67 • 6 1.1 1.4 30 39 269 197 €. 65/ 65 • 3 10 • 4 10 334 64/ 63 47 142 61 521 66 C. 60/ 59 58/ 57 25 55/ 55 54/ 53 52/ 51 TOTAL 4.321.642.325.4 899 899 899 899 ₹ ತ Element (X) No. Obs. Mean No. of Hours with Temperature 74.1 7.885 267 F 273 F 280 F 293 F 88.6 65.4 .1 899 Dry Bulb 4890239 66261 73.7 2.681 899 90 4167849 61173 68.0 2.428 899 1.0 90 Wet Bulb

PSYCHROMETRIC SUMMARY

HONOLULU IAP HI WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 D.B./W.B. Dry Bulb Wet Bulb Dew Point 88/ 87 20 20 36/ 85 140 140 84/ 83 360 • 6 360 32/ 81 700 750 79 85/ 783 6.1 • 0 783 78/ 77 887 887 9.1 6.5 9.7 1.9 76/ 75 6.5 1.5 1372 1372 40 74/ 73 1.0 1221 72/ 71 5.7 2.1 • 4 1.1 771 771 1413 73/ 69 3.4 469 469 2454 58/ 57 1.0 . 8 258 1.6 258 1.637 • 2 56/ 55 2443 64/ 63 • 5 332 1420 67 67 52/ 61 517 196 50/ 59 • G 43 330 58/ 57 56/ 55 84 54/ 53 50 52/ 51 .1 7.016.125.721.114.913.3 4.3 7199 7199 7199 Element (X) No. Obs. Mean No. of Hours with Temperature USAFETAC Rel. Hum. 36535774 506244 7199 ≥67 F ≥ 73 F ≥ 80 F ≥ 93 F 544171 75.6 4.624 698.2 548.4 154.6 Dry Bulb 41287661 7199 720 Wet Bulb 34029402 494558 68.7 2.744 590.3 39.8

GLOSAL CLIMATOLOGY BRANCH USAFETAC PSYCHROMETRIC SUMMARY AIR WEATHER SERVICE/MAC HONOLULU IAP HI 22521 70-79 STATION NAME STATION 0000-0200 TOTAL WET BULB TEMPERATURE DEPRESSION (F) TOTAL D.B./W.B. Dry Bulb (F) 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 Wet Bulb Dew Poin 83/ 79 78/ 77 1.1 .2 1.0 3.9 75/ .2 3.510.3 4.3 2.8 74/ 73 197 197 72/ 71 1.213.7 4.2 4.7 1.7 240 240 24 7.8 4.3 1.9 167 167 127 28 2.2 5.5 2.4 1.3 58/ 67 105 105 269 109 3.4 .8 1.2 66/ 65 54 193 226 C 54/ 63 2.7 1.3 1.9 43 43 148 174 52/ 51 2.2 1.2 31 91 60/ 59 • 2 • 1 48 125 58/ 57 59 18 56/ 55 42 54/ 53 26 52/ 51 14.934.928.315.1 6.5 TOTAL 930 930 930 930 Element (X) Mean No. of Hours with Temperature 267 F | 273 F | 280 F | 293 F 79 0 9 | 28 0 7 | 5634823 71347 930 Rel. Hum. 77.3 9.526 ±0F 4630067 70.5 3.589 930 65535 Dry Bulb 4028265 Wet Bulb 61136 65.7 3.168 930 43.1 93 Dew Paint

PSYCHROMETRIC SUMMARY

2521	<u>HC</u>	NOLU	LU I		I TATION N	AME				70-	79			YF	ARS					D S	
3171108				•		~ W.L												PAG	E 1	U300	-0500
Temp.								TEMPER/									······	TOTAL		TOTAL	
(F)	0	1 . 2	3 - 4	5 - 6		9 - 10	11 - 12	13 - 14 1	5 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Por
83/ 79 78/ 77				• 5														7	7		
767 75 74/ 73		• 4																49	49		
72/ 71		•8	10.2	8.2 5.8	4.0	2.2				-							 	166 202	166 202	10 30	1
70/ 69			7.9			1.3											ļ	170	170	83	2
58/ 67	• •	5.0				:												121	121	249	9
56/ 65		6.0		2.4						↓			 				 	98	98	187	50
54/ 53		4.5	1.2	• 6														60 32	60 32	174 107	19 13
50/ 59		1.7					 			 			 				1	17	17	58	11
58/ 57		• 6			<u> </u>		ļi						<u> </u>	<u> </u>			<u> </u>	6	6		7
56/ 55 54/ 53				f I																7	4 2
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OTAL		25.6	30.5	26.8	12.7	4.4				<u> </u>							<u> </u>		929		92
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lement (X)	 .	Σχ'			ZX		X	ø _g	7	No. Ol	s. T		<u> </u>		Mean N	lo. of H	ours wit	h Tempera	ure		
Rel. Hum.		591	2637		735	47	79.2	9.85	2	9	29	± 0	F	≤ 32 F	≥ 67	F :	73 F	≥ 80 F	≥ 93	F 1	otal
Dry Bulb			4121		645			3.97			29				71		22.3				9
Wet Bulb Dew Paint			6265 1189		565 581			3.34			29 29		_		37		1.3	 			9
YEM COINT		203	2107		201	611	02.5	3071	. 71		47				13	• U					

GLOBAL CLIMATOLOGY BRANCH USAFETAC PSYCHROMETRIC SUMMARY AIR WEATHER SERVICE/MAC 22521 HONOLULU IAP HI STATION NAME C 9600-9860 PAGE 1 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | 21 | D.8 /W.B. | Dry Bulb | Wet Bulb | Dew Point (F) 82/ 81 86/ 79 78/ 77 14 .2 .9 1.1 3.5 2.3 1.3 75/ 75 76 76 9.1 4.3 1.8 1.9 168 168 C 8.4 5.6 3.8 72/ 71 35 1.5 191 191 75/ 69 160 101 28 160 • 3 68/ 57 4.4 2.2 215 108 108 2.7 2.2 65 94 94 208 1.1 1.6 64/ 63 3.9 52 62 166 184 62/ 51 2.7 32 32 106 153 50/ 59 1.7 16 16 61 129 57 58/ • 5 56/ 55 • 2 50 54/ 53 12 52/ 51 TOTAL 23.528.228.714.1 4.9 930 930 930 930 0.26.5 Element (X) No. Obs. Mean No. of Hours with Temperature 5798640 72838 78.320.056 930 Rel. Hum. ≥67 F ≥ 73 F ≥ 80 F ≥ 93 F 4537502 64846 Dry Bulb 69.7 4.149 930 25.0 3968080 35.8 69666 65.2 3.394 930 Wet Bulb 58157

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PSYCHROMETRIC SUMMARY

Temp.						WET	BULB 1	TEMPER	ATURE	DEPRE	SSION ((F)						TOTAL		TOTAL	
(F)	0	1 . 2	3 - 4	5 - 6	7 - 8					17 - 18			23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb		Dew Point
86/ 85							• 1.	•1							 			2	2		
84/ 83		ļ				• 3				ļ		l	ł			1	1	9	9		
82/ 81		Ì	i		. 8										i		 	51	61	-	
88/ 79		1	. 1	1.1							1	1	1	`		1		173		Ì	
73/ 77			• 4		11.3	6.2		• 5				i	·		i —	i		232	232		
76/ 75		.1	1.7]		1	Ì)	1	1	1	225	225	2	
74/ 73		• 4					1.2		i -							i	<u> </u>	116	116		2
72/ 71		.2						i	1	1)	Ì	i	1	1)	63	63		
73/ 69		•1	2.5	• 6								\vdash						38	38	282	46
58/ 67		. 1	• 5						i]	İ		İ	9	9	226	139
56/ 55			i	• 1						1		1	1	i	i	1	1	1	1		
64/ 63		ļ		•1												İ		lī	1	67	199
52/ 51									I	 			i	1	T	i	 	1		21	123
53/ 59]										ĺ	İ		l	ļ				2	95
58/ 57															i	1				1	
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TOTAL		1.0	7.2	16.2	29.9	28.3	14.1	3.2	• 1				j	Ĭ					930		930
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Element (X)		Σχ²			Σχ		X	" **		No. O	s.				Mean I	No. of H	ours with	h Tempera	ture		
Rel. Hum.			0189		ნ	97	65.3	9.2	08		30	± 0	F	≤ 32 F	≥ 67		: 73 F	≥ 80 F	≥ 93	F	Total
Dry Bulb			7913		709		76.3				30				92	. 8	81.8	14.	4		93
Wet Bulb			6191		634		68.2				3 D		\Box		69	•0	4.8				93
Dew Paint		378	0904		591	90	63.6	3.8	47	9	30				21	•0	• 2				93

GLOBAL CLIMATOLOGY SRANCH PSYCHROMETRIC SUMMARY USAFETAC AIR WEATHER SERVICE/MAC HONOLULU IAP HI 70-79 STATION NAME 1200-1400 PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | 2 31 | D.B./W.B. Dry Bulb | Wet Bulb | Dew Point 86/ 85 .2 2.3 3.6 1.8 84/ 83 77 18 158 1.5 8.3 9.0 1.1 223 3.8 223 89/ 2.712.5 7.9 3.2 260 260 78/ 77 1.2 5.3 5.8 4.5 1.4 178 76/ 2.3 3.7 111 111 75 74/ 73 . 4 1 . 3 33 224 72/ 71 21 14 14 58/ 67 196 127 66/ 55 183 201 64/ 53 189 132 52/ 51 58/ 57 51 56/ 55 54/ 53 52/ 51 53/ 49 TOTAL .3 3.3 5.912.434.026.511.8 3.4 929 929 929 No. Obs. Mean No. of Hours with Temperature Element (X)

929

929

10F

267 F 273 F 280 F 293 F

93

90.4

75.8

3333847

5819488

4438649

Rel. Hum.

Dry Bulb

Wet Bulb

54997

73474

64165

59.2 9.169

79.1 3.922 69.1 2.716 GLOSAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC 22521 HONOLULU IAP HI 70-79 STATION NAME WET BULB TEMPERATURE DEPRESSION (F) 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | = 31 85/ 85 84/ 83 1.4 4.3 2.3 13.5 82/ 81 5.1 1.8 80/ 79 4.5 1.7 8.5 9.9 5.3 5.3 6.0 2.4 78/ 77 76/ 75 1.9 2.0 74/ 2.9 1.7 1.3 • 8 72/ 72 • 6 70/ 69 • 5 68/ 57 65/ . 1 64/ 63 52/ 60/ 59 57 58/ 55/ 55 54/ 53 52/ 51 TOTAL .6 4.1 8.420.636.921.2 6.9 1.1 Mean No. of Hours with Temperature 57105 72186 929 ≥ 67 F ≥ 73 F ≥ 80 F ≥ 93 F

61.5 9.050

77.7 3.050

68.5 2.695 63.2 3.928

63517

10F

929

92.7

71.7

88.0

5.5

26.5

93

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USAFETAC

Wet Bulb

3586209

5617692

4363169

PSYCHROMETRIC SUMMARY

GLOBAL CLIMATOLOGY BRANCH PSYCHROMETRIC SUMMARY USAFETAC AIR WEATHER SERVICE/MAC HONOLULU IAP HI STATION NAME (1800-2000 PAGE 1 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | 23 | D.B./W.B. Dry Bulb | Wet Bulb | Dew Point 83/ 79 11 78/ 77 77 9.614.4 5.3 76/ 75 291 291 74/ 73 2.413.4 8.1 4.7 273 72/ 71 3.1 4.2 6.5 2.7 2.2 2.8 55 6.5 153 163 79/ 69 2.3 79 79 40 22 252 68/ 57 1.3 22 104 65/ 65 13 13 192 54/ 53 121 187 62/ 51 43 146 59 55/ 17 116 58/ 57 58 56/ 55 34 54/ 53 R 52/ 51 59/ 49 TOTAL 1.511.533.037.415.1 1.5 930 930 930 930 ğ 8 °x 69.9 8.005 Ne. Obs. Element (X) Mean No. of House with Temperature 4609534 65050 930 Rel. Hum. 267 F 273 F 280 F 293 F 5538643 68413 73.6 2.545 930 91.6 65.2 Dry Bulb 66.9 2.762 417449! 62255 939 55.4

PSYCHROMETRIC SUMMARY

HONOLULU IAP HI 22521 73-79 STATION NAME 2130-2306 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 0 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 D.B./W.B. Dry Bulb Wet Bulb Dew Point (F) 86/ 85 82/ 81 BC/ 79 76/ 75 2.0 5.8 6.3 137 137 74/ 73 5.315.3 5.2 267 267 9.4 6.7 4.4 3.1 72/ 71 225 225 1.5 5.2 5.1 3.4 73/ 69 68/ 67 3.1 1.4 1.2 50 113 60 296 66/ 65 1.3 1.6 • 9 37 179 .6 1.3 64/ 53 1.1 135 193 . 4 62/ 51 85 60/ 59 26 105 58/ 57 60 56/ 55 51 54/ 53 16 TOTAL .1 5.427.737.421.3 7.4 .6 930 930 Element (X) Mean No. of Hours with Temperature 74.2 8.524 71.7 3.162 930 68974 Rei. Hum. 5182994 267 F = 73 F = 80 F = 93 F 20F 4795938 66720 Dry Bulb 85.8 4099882 61618 66.3 2.994 930 50.2

USAFETAC NOW 0.26-5 (OLA) ATTAIR PREPAIR SEPTIONS OF THIS FOLM AND EMPORTS SEPTIONS OF THIS FOLM AND EMPORTS

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GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC 22521 STATION HONOLULU IAP HI ŧ.

PSYCHROMETRIC	SUMMARY
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																		PAGE	. 1		LL L. S. T.)
Temp.	WET BULB TEMPERA JURE DEPRESSION (F) 0 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 > 31															TOTAL		TOTAL			
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	0 + 31	D.B./W.8.	Dry Bulb	Wet Bulb	Dew Po
88/ 87									•1								T	6	6		
86/ 85							• i		• 1		<u> </u>		l	<u> </u>	<u> </u>		_	23	23		l
84/ 83					• 3	• 4	• 8	• 3	• 1	• 0	l							120	120		
82/ 81				• 0			2.5			• 9	<u> </u>	l 				<u> </u>	J	413	413		
80/ 79			• 0				2•ū						l					667	667		
78/ 77				1.3	3.9	2.9	1.8	• 5								<u> </u>		797	797		
76/ 75		• 1	1.2		5.3													1128			
74/ 73		• 3		8.0									<u></u>	L				1295			
72/ 71		• 5									_							1132			
70/ 69			4.3										<u> </u>		<u> </u>			781		1558	
68/ 57	• 3		_															428	428		
66/ 65		2.0								!					<u> </u>			301		1332	
54/ 63	4	1.5	• 5	i 1	• 7						İ		İ	į	l		1	195	195		151
52/ 51		• 9		1 1														101	101		109
50/ 59		• 5									ĺ				t		-	37	37		
58/ 57		• 1																11	11		
56/ 55		• 0								İ	İ		1	1		1	ļ	2	2	1	31
54/ 53				<u> </u>										<u> </u>						2	
52/ 51													l		i	į	1			1	30
50/ 49		-				,				L,			<u> </u>	<u> </u>	<u> </u>	<u> </u>	↓				
DATE	• 0	9.1	18.4	23.1	20.4	17.Z	8.3	2.8	• 5	•1	ļ	İ	ļ	l	1	į	İ		7437	1	743
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Element (X)		zx,	<u> </u>		Σχ		X	· ·		No. 01) 	ļ	<u> </u>		Mean I	No. of I	Hours with	Temperati	ure	<u> </u>	L
Rel. Hum.	38 198873		525155		55		511.768		7437		10F 132		1 32 F				≥ 80 F	× 93 F		Total	
Dry Bulb		4036			5465			4.8			37						445.1			- -	74
Wet Bulb		3335			4974			3.3			37				439		22.5		1		74
Dew Point		2957			4538			3.9			37				131	1	•8		- -		741

USAFETAC 1984 0.26-5 (OLA) RIVIED MENOUS EDITIONS OF TIME FORM ARE OBSOLET

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

HONOLULU IAP HI

PSYCHROMETRIC SUMMARY

STATION					ATION NA	ME								YE	ARS					MO	NTH
																		PAG	E 1	A	LL
																		, ., -	•		L. S. T.)
Temp.						WET	BULB 1	EMPER.	ATURE	DEPRE	SSION (-)						TOTAL		TOTAL	
(F)	0	1 - 2	3 . 4	5 - 6	7 - 8								23 - 24	25 - 26	27 - 28	29 - 3	0 ≥ 31	D.8./W.B.	Dry Bulb	Wet Bulb	Dew Po
2/ 91									• 0								1	5	5		
3/ 89	Ì			1			, ņ	• 0	• 1	.0	• 0			1	i 1			132	182		1
8/ 87			 		.]	5	·	• 7	• 7										1421	<u> </u>	1
5/ 85	- 1		!	• i)	اہ ا	• 2	3 1	. 1	• 5	1				ļ	i l				3523	i	1
4/ 83			• 0	• 0		• 8		2.1	• 5					l			1		5487		
2/ 81	- 1		Ð	• 1	. 6				• 2					ì))				7577	1	1
3/ 79		• 0	• 1	• 5				• 6	•0					 					9705		1
8/ 77		. 0	, ,			2.6		. 2	• 0					1))		1	11740			1
6/ 75	• 0	• 1		5.1				• 1	- 3					 	 			15130			
4/ 73	.0	- 4	1 1	7.5		1.3		• 0		1				1	1			12757			
72/ 71		• 5	3.6	3.2		• 4		0.0		 	i			 			- 		3842		
0/ 59	. C	• 6	1 1	1.4		• 2		• **)			1	1	1		1	5347	5347	25022	522
8/ 57	-:3	•7	1.2	•	• 2					 			 	 					2334		
5/ 65	• 5			• 3		• 6	1	. 1		}				1			١		1737		
4/ 53	•0	• 7	• 3	• 2						 -				 	-		- 	1114		5383	
2/ 51	.0			• 0									ì		1		ì	478		2423	
0/ 59		• 2								 			 	 			- -	136	186		703
8/ 57	• 5				• 1					1	}		Ì	1				62	62		
6/ 55	•0				 		 			 				 	-		-} -	23	23		
54/ 53					1)			1	1		Ì	1			1			36	1
52/ 51										 	 			 	 	-	+			<u></u> -	20
0/ 49			1		1					1			1	1				1		i	5
16/ 47							1			i	1			1	·			 			1
16/ 45)		1			1	Ì		}	1	Ì			1		ì	1 -
TAL	• 1	4.7	12.7	21.4	23.8	16.3	11.:	7.6	2.1	. 2	•0		 	 -			- 	 	87550	 	B765
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lement (X)		£x'		-	Z x	' 	X	7,	۳-	No. O	bs. 1			<u> </u>	Mean !	No. of	Hours wit	h Tempera	ture	<u></u>	
el. Hum.			5493		9144	83	67.5			876		₫ 0	F	± 32 F	≥ 67		≥ 73 F			F	Total
ry Bulb			6286		6692		76.1			876								2222.	4		876
Vet Bulb			53 16		9973		68.4			876		· · · · · · · · · · · · · · · · · · ·					632.8				87
Dew Point			8709		6257		64.2			. 876							32.7		- ,-	7	376

79-80

MEANS AND STANDARD DEVIATIONS

DRY-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

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HONOLULU IAP HI

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		02020	10 1.2					~						
STATION			STA	TION NAME						YEARS			•	
HRS. (L S T.)		JAN.	FEB.	MAR	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
	MEAN	69.1	69.3	70.5	71.7	73.1	74.6	75.6	76.5	75.8	75.3	72.5	70.5	72.
00-02	S. D	4.049	3.528	2.823				1.676	1.839	1.726		3.042	3.589	3.65
	TOTAL OBS	930	849	936	900	930	900	930	936	900	930	900	930	1095
	MEAN	67.9	68.1	69.5	70.7	72.0	73.6	74.7	75.5	74.5	74.1	71.5	69.4	71.
33-05	S. D.	4.454	3.932	3.260	2.630	1.907	1.901	1.810	2.173	2.064	2.524	3.290	3.976	3.91
	TOTAL OBS	930	849	930	900	930	900	930	930	899	930	900	929	1095
į	MEAN	68.1	68.1	70∙0							75.0			72.
75-08	S D.	4.472					2.589						1	4.43
	TOTAL OBS	930	848	929	900	930	899	930	930	900	930	900	930	1095
i	WEAN	74.7									81.8			79.
39-11	S D.	3.475											11	.4.02
	TOTAL OBS	930	849	930	900	930	899	930	930	900	930	900	930	1095
	MEAN		70.0					0 12 75		0.5	01: 0			
12-14		77.6	78.0			82.0				85 • 1 2 • 285	84.0 2.789			81. 3.87
15-14	TOTAL OBS	3.258 930	3.271 849						93D		930			1095
	IOIAL OBS	930	849	930	900	729	900	930	730	900	730	900	727	1075
	MEAN	76.7	77.2	77.8	78.9	80.7	82.4	83.4	84.5	83.8	82.4	79.5	77.7	80.
15-17		3.183							-	-				3.81
	TOTAL OBS	930	1		-				930	900	933	900	I N	1095
				,,,,	7,50	7	700				,,,,	7.00		
	MEAN	73.0	73.4	73.7	74.6	76.2	77.9	78.8	79.7	79.1	78.0	75.3	73.6	76.
18-20	S D.	2.927							2.093	1.826			2.546	3.30
	TOTAL OBS	.930	949	930	900				930		930	900	930	1095
	MEAN	70.8								–			1 1	74.
21-23	1	3.432	2.848	2.189		-	1.478	1.647				1		3.27
	TOTAL OBS	930	849	930	900	927	900	929	930	900	930	899	930	1095
						l								
. All	MEAN	72.2		,		1								76.
HOURS	S. D.	5.143						4.180						5.22
	TOTAL OBS	7440	6791	7439	7200	7430	7199	7437	7443	7199	7440	7199	7437	<u>8765</u>

MEANS AND STANDARD DEVIATIONS

WET-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

22521	HON	OLULU :	IAP HI				70-8	C						
STATION			STA	TION NAME						YEARS			•	
HRS (L S.T.)	Į.	JAN.	FEB	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
	MEAN	55.1	64.8	55.2	56.2	67.3	68.3	69.0	69.7	69.6	59.2	57.5	65.7	67.
. 0-02	S. D.	3.628	3.163	2.575	1.994	1.750	1.573	1.546	1.558	1.449	1.994	2.533	3.168	2.94
]	TOTAL OBS	930	849	930	900	930	900	930	930	900	930	900	930	10959
	MEAN	64.5	64.0	64.7	65.7	66.8	67.8	68.5	69.2	69.0	68.7	67.0	65.2	56.
03-35	S. D.	3.809	3.315	2.731	2.121	1.780	1.737	1.572	1.758	1.595	2.054	2.693	3.340	3.07
	TOTAL OBS	930	849	930	900	930	930	930	930	899	930	930	929	1095
	- }													
[[MEAN	64.6	64.1	54.9	66.1	67.5				69.4	69.1		- 13	67.
36-38	S. D.	3.790											14	3.21
	TOTAL OBS	930	848	929	900	930	899	930	930	900	930	900	930	1095
(MEAN	67.6	67.3			69.6	70.4			71.8	71.6		68.2	69.
.9-11	S. D.	3.139				1.931	1.742			1.535				2.70
 	TOTAL OBS	930	849	930	900	930	899	930	930	900	930	900	930	1095
 	MEAN	10.	46.4		(0.0	70 "	71.0	71 6	72.4	70 6	72.2	70.8	69.1	70.
12-14	i t	68.6 3.095											2.716	2.60
12-14	TOTAL CBS	933									930		929	1095
 	10171 003	733	847	730	700	727	700	730	733	700	730	700	727	1075
	MEAN	68.2	67.9	68.0	68.7	69.9	70.6	71.2	72.0	71.9	71.7	70.1	68.5	69.
15-17	S. D.	3.051												2.57
1	TOTAL OBS	930		1 -	_									1095
		7.50		<u> </u>										
	MEAN	66.8	66.4	66.5	67.1	68.3	69.4	69.9	70.7	70.6	70.2	68.6	66.9	68.
18-20	S. D.	3.227	2.632	1							1.891			2.66
]	TOTAL OBS	930							930	900	930	900	930	1095
	MEAN	66 . ü	65.5	65.8	66.6	67.8	68.7	69.2	70.1	70.0	69.8	68.Û	66.3	67.
21-23	S. D.	3.503							1.605	1.424				2.78
	TOTAL OBS	930	849	930	900	927	900	929	930	900	930	899	930	1095
ALL	MEAN	66.4	66.0	66.4									66.9	68.
HOURS	S.D.	3.735						1.918						
	TOTAL OBS	7440	6791	7439	7200	7430	7198	7437	7440	7199	7440	7199	7437	8765

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MEANS AND STANDARD DEVIATIONS

DEW-POINT TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

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STATION			STA	TION NAME						YEARS			•	
HRS (LST.)	1	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
	MEAN	62.7	61.9	62.0	62.9	54.0	54.8	65.4	66.1	66.3	66.1	64.8	62.9	64.
00-02	S D.	4.138	3.826	1		2.533								3.39
	TOTAL OBS	930	849	930	900	930		930	930	900	930		11	1095
	MEAN	62.4	61.5		62.7	63.8		65.2	65.8				62.6	63.
03-05		4.122		- 1		2.519								3.45
	TOTAL OBS	930	849	930	900	930	990	930	930	899	930	900	929	1095
	MEAN	52.4	61.6	61.8	62.8	64.0	64.9	65.3	66 • D	66.1	66.0	54.6	62.5	64.
.6-18	S D	4.115												3.47
***	TOTAL OBS	93		929	900	936	899	930	930	900	930		930	1095
				7.5										
	MEAN	63.4	62.7	62.5	63.2	64.2	64.8	65.1	66.1	66.3	66.4	65.4	63.6	64.
79-11	5. D.	4.344	3,638	3.354	2.943	2.954	2.696	2.491	2.413	2.294	2.710	3.111	3.847	3.39
	TOTAL OBS	930	849	930	900	930	899	930	930	900	930	900	930	1095
15 10	MEAN	63.5	62.8		63.1	64.1	64.5			_66•g			. 1	64.
12-14	1 1	4.693			3.006							1 1		3.52
	TOTAL OBS	930	849	930	900	929	900	930	930	900	930	900	929	1095
	MEAN	63.3	62.6	52.4	62.9	63.9	64.4	64.8	65.7	65.8	66.1	65.1	63.2	64.
15-17	S. D.	4.468	3.829	3.331	2.907	2.963	2.611	2.373	2.497	2.369	2.732	3.061	3.928	3.39
	TOTAL OBS	930	849	930	900	927	900	929	930	900	930	900	929	1095
	MEAN		1.7						4.5					4.0
	1 1	63.1	52.2		62.8	63.9							<u> </u>	64.
18-20	TOTAL OBS	4.325												3.33
	IOIAL OBS	930	849	930	900	927	900	929	930	900	930	900	930	1095
	MEAN	63.C	62.1	62.2	63.0	64.1	65.D	65.3	66.2	66.3	66.2	64.9	63.0	64.
21-23	1 1	4.274												3.34
	TOTAL OBS	9 3 d	849			927								1095
All	MEAN	63.C												64.
HOURS	5. D.	4.329					2.514							3.42
	TOTAL OBS	7440	6791	7439	7200	7430	7198	7437	7440	7199	7440	7199	7437	8765

RELATIVE HUMIDITY

22521

HONOLULU IAP HI

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STATION

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STATION NAME

PERIO

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS			PERCENTAG	E FREQUENC	Y OF RELATIVE	HUMIDITY GR	EATER THAN			MEAN RELATIVE	TOTAL NO. OF
MONIN	(L.S.T)	10%	20%	30%	40%	50%	60%	70%	80%	90%	HUMIDITY	OBS.
JAN	00,502	100.0	100.0	100.0	1,00.0	100.0	97.7	86.0	55.8	8.7	80.3	93
	@3 − Ω5	100.0	100.0	100.0	100.0	100.0	98.5	88.6	65.5	17.7	82 <u>•</u> 8	93
	06-08	100.0	100.0	100.0	100.0	190.0	98.9	87.5	63.5	20.1	82.5	93
	12-14	100-0	100.0	100.0	100.0	95.2	75.8	44.2	14.5	16	68.4	931
	12-14	100.0	100.0	100.0	99.8	84.9	51.7	24.8	7.66	•9	62.6	931
	15-17	100.0	100.0	100.0	99.8	90.1	58.7	26.6	8.1	.3	64 • Q	93
	18-20	100.0	170.0	100.0	100.0	99.7	89.2	53.8	16.5	1.5	71.3	931
	21-23	100.0	100.0	100.0	100.0	100.0	97.2	76.6	35.2	3.4	76.6	93
											-	
			<u> </u>	-		<u> </u>				<u></u>		
TOTALS 100.0 100.0 100.0 96.2 83.5 61.0 33.3 6.8								73.6	744			

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RELATIVE HUMIDITY

22521 HONOLULU IAP HI 71-80 FE8
STATION STATION NAME PERIOD MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS			PERCENTAG	E FREQUENCY	Y OF RELATIVE	HUMIDITY GR	EATÊR THAN			MEAN	TOTAL NO. OF
MONTH	(L.S.T.)	10%	20%	30%	40%	50%	60%	70%	80%	90%	MEAN RELATIVE HUMIDITY 77.7 79.8 79.9 65.6 60.3 61.4 68.4 73.8	OBS.
FEB	00-02	100.0	100.0	100.0	190.0	100.0	96.3	76.1	42.9	6.5	77.07	849
	53 −0 5	100.0	100.0	100.0	100.0	99.9	96.8	80∙6	55.2	10.7	79.8	849
	06-08	100.0	100.0	100.0	100.0	99.9	96.6	81.4	55.8	10.6	79.9	84,8
	9-11	100.0	100.0	100.0	100.0	95,2	65.7	31/00	9.8	•6	65.6	849
	12-14	100.0	100.0	100.0	99.8	82.6	40.3	18.0	5.4	•2	60.3	849
	15-17	100.0	100.0	100.0	9969	86.7	46.8	17.9	6.6	• 4	61.4	849
····	18-28	100.0	100.0	100.0	100.0	99.3	82.6	39.8	10.6	•2	68.4	8.49
	21-23	100.0	100.0	100.0	100.0	99.9	95.3	65.5	22.3	2.6	73.8	849
			-		}	 						
								· ·				
10	TALS	100.0	100.0	100.0	100.0	95.4	77.6	51.3	26.1	4.0	70.9.	679

RELATIVE HUMIDITY

22521	HONOLULU IAP HI	71-80	MAR
STATION	STATION NAME	PFRICIO	MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS			PERCENTAC	E FREQUENC	Y OF RELATIVE	HUMIDITY GR	EATER THAN			MEAN	TOTAL
MONTH	(L.S.T)	10%	20%	30%	40%	50%	60%	70%	80%	90%	RELATIVE HUMIDITY	NO. OF OBS.
MAR	JO-02	100.0	100.0	100.0	100.0	130.0	97.4	61.5	26.2	3.4	74.5	931
	03-05	180.0	100.0	199.0	100.0	100.0	98.0	70.5	35.7	6.9	76.8	930
	06-08	100.0	100.0	100.0	100.0	99.9	96.8	65 • C	30.5	6.7	75.6	929
	69-11	100.0	100.0	190.0	99.8	91.6	58.3	21.5	6.7	•8	63.3	930
	12-14	4 100.0 100.0 100.0 100.0	73.8	32.3	10.5	2,5	•1	58.0	930			
	15-17	100.0	100.0	100.8	99.8	82.6	38.4	12.8	3.8	•3	59.5	930
	18-20	100.0	100.0	100.0	100.0	99.2	79.8	34,4	7.6	•1	67.3	9 %
	21-23	160.0	100.0	100.0	100%0	100.0	96.2	52.5	16.1	•8	71.9	934
		 	<u> </u>						ŭ.			
									-			
to	TALS	100.0	100.0	100.0	100.0	93.4	74.7	41.1	16•1	2.4	68.4	7439

RELATIVE HUMIDITY

22521

HONOLULU IAP HI

STATION NAME

71-80

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STATION

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CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS			PERCENTAG	E FREQUENC	Y OF RELATIVE	HUMIDITY GR	EATER THAN			MEAN RELATIVE	TOTAL NO. OF
MONTH	(LS.T)	10%	20%	30%	40%	50%	60%	70%	80%	90%	HUMIDITY	OBS.
APR	00-02	100.0	100.0	100.0	100.0	99.9	97.6	66.9	20.9	• 9	73.8	900
	03-05	100.0	100.0	100.0	100.0	100.0	98.4	75.3	30•0	3.0	76.0	900
	υ6 − 08	100.0	100.0	100.0	100.0	99.9	95.6	64.1	22.8	1.1	73.7	900
	09-11	100.0	100.0	100.0	99.9	89.8	49.3	16.1	2.6		61.4	900
	12-14	100.0	100.0	100.0	99.6	73.9	25.2	6.0	1.4		56.5	9DC
	15-17	130.0	100.0	100.0	99.7	82.6	33.2	7.6	2.0		58•4	900
	18-20	100.0	100.0	100.0	100.0	99.6	81.2	31.1	5.4	•2	66.9	900
	21-23	100.0	100.0	100.0	100.0	99.9	95.8	55.2	12.8		71.4	900
		 										,
									, ,			*-
10	TALS									•7	67.3	7200

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RELATIVE HUMIDITY

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HONOLULU TAP HI
STATION NAME

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CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS			PERCENTAG	E FREQUENC	Y OF RELATIVE	HUMIDITY G	REATER THAN			MEAN RELATIVE	TOTAL NO. OF
MONTH	(L.S.T)	10%	20%	30%	40%	50%	60%	70%	80%	90%	HUMIDITY	OBS.
MAY	30 - 02	160.0	100.5	100.0	100-0	1,00.0	98.6	70.2	15.1	•1	73.3	930
	03-05	100.0	100.0	100.0	100.0	100.0	98.8	77.3	27.6	1.1	75.5	930
	06-08	100.0	100.0	100.0	100.0	100.0	94.3	57.0	19.0	•6	72.3	930
	09-11	100.0	100.0	100.0	100.0	87.3	35.3	10.5	2.0		59.4	930
	12-14	100.0	100.0	100.0	99.6	66.3	19.2	5.9	1.1		55.0	9,29
	15-17	100.0	100.0	100.0	99.9	80.3	23.9	6.8	1.1		57.0	927
	18-20	100.0	100.0	100.0	100.0	99.4	76.9	24.9	3.5	d =	65.9	927
	21-23	100.0	100.0	100.0	100.0	100.0	97.6	53.0	7.2	•1	70.7	927
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		-		ļ		<u></u>				-		
		-			 		<u> </u>				×	
TO	TALS	100.0	100.0	100.0	99.9	91.7	68.1	38.2	9.6	•2	66.1	7430

RELATIVE HUMIDITY

22521 HONOLULU IAP HI STATION NAME

70-79

JUN

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CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS			PERCENTA	GE FREQUENC	Y OF RELATIVE	HUMIDITY G	REATER THAN			MEAN	TOTAL
	(L.S.T.)	10%	20%	30%	40%	50%	60%	70%	80%	90%	RELATIVE HUMIDITY	NO. OF OBS.
JUN	∴0-02	155.0	100.0	100.0	100.0	100.0	96.2	56.9	10.6	•4	71.4	90
	3-05	100.0	100.0	100.0	100.0	100.0	97.2	70.0	18.1	1.0	73.5	90
	36-98	100.0	100.0	100.0	100.0	99.6	90.0	53.6	13.7	•7	70.8	89
	09-11	100.0	100.0	100.0	99.7	86.1	31.9	7.7	2.2	2 .4	58.6	89
	12-14	100.0	100.0	180.0	99.7	60.9	12.2	3.2	1.0		53.5	901
	15-17	100.0	100.0	100.0	99.7	74.0	13.8	2.9	1.1	•1	54.9	901
	18-20	100.0	100.0	100.0	100.0	99.D	68.7	14.0	1.8	.4	64.0	90
	21-23	100.0	100.0	100.0	100.0	100.0	95.3	39.4	5.8	•9	69.5	90(
				,								
					<u> </u>							
101	A.I.C.					` ,		,				
101	————	100.0	100.0	100.0	99.9	90.0	63.2	31.0	6.8	•5	64.5	7198

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RELATIVE HUMIDITY

22521	HONOLULU IAP HI	70-79	JUL
STATION	STATION NAME	PERIOD	MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS			PERCENTAG	E FREQUENCY	Y OF RELATIVE	HUMIDITY GR	ÉATER THAN			MEAN RELATIVE	TOTAL NO. OF
MONTH	(L.S.T.)	10%	20%	30%	40%	50%	60%	70%	80%	90%	HUMIDITY	OBS.
JUL	00÷02	100.0	100.0	100.0	100.0	100.0	95.1	49.4	9•5	•9	70.6	938
	J3-05	100.0	100.0	100.0	100'-0	100.0	95.4	60.8	15.3	1.6	72.3	930
	06-08	100.0	100.0	100.0	100.0	100.0	86.9	46.0	10.4	•6	69.7	930
	09-11	100.0	100.0	100.0	99.7	84.9	24.0	6.0	1.2		57.3	938
	12-14	100.0	1,00.0	100.0	99.8	52.5	6.0	•6			51.6	930
	15-17	100.0	100.0	100.0	100.0	67.5	11.0	1.4	•2		53.6	929
	18-20	100.0	100.0	100.0	100.0	98.6	58.7	14.0	2.0	-	63.1	929
	21-23	100.0	100.0	100.0	100.0	100.0	91.3	30.7	5.9		68.4	929
				<u> </u>						 	 -	
						. , ,,,,,,	¥					
τo) TALS	100.0	100.0	100.0	99.9	87.9	58.6	26.1	,5•6	.4	63.3	743

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RELATIVE HUMIDITY

22521 STATION

HONOLULU TAP HI

70-79

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CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS			PERCENTAG	E FREQUENC	Y OF RELATIVE	HUMIDITY GR	REATER THAN			MEAN RELATIVE	TOTAL
MONTH	(L.S.T)	10%	20%	30%	40%	50%	60%	70%	80%	90%	HUMIDITY	NO. OF OBS.
AUG	00-02	100.0	100.0	100.0	100.0	100.0	92.7	48.5	8.5	•3	70.3	93
	03-05	100.0	100.0	100.0	100.0	99.9	95.1	58.7	16.3	•8	72.2	93
	36-G8	160.0	100.0	100.0	10050	99.9	88.2	45.7	12.5	• 8	69 • 9	93
	09-11	100.0	100.0	100.0	99.9	85.3	21.9	4.4	1,1	•1	57.0	93
	12-14	100.0	100.0	100.0	98.8	48.3	8 • 7	1.6	•2		51.5	93,
	15-17	100.0	100.0	100.0	99.6	68.0	11.8	2.3	3		53.5	^ 93)
	18-20	100.0	100.0	100.0	1,00% 0	98∙8	56.8	14.0	1.3		62.9	93
	₹1 -2 3	188.0	100.0	100.0	100,0	1,00.0	89.5	34.1	3 • 5	•2	68,2	93
								· · · · ·		-	,	
							,			<u>.</u>		is eq. n. s.
10	TALS	100.0	100.0	100.0	<u>∴99∵8</u>	87.5	58.1	26.2	5.5.	ي. غ.ه.ي	63.2	744

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RELATIVE HUMIDITY

22521	HONOLULU IAP HI	70-79	SEP
STATION	STATION NAME	PERIOD	MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS			PERCENTAG	E FREQUENC	Y OF RELATIVE	HUMIDITY G	REATER THAN			MEAN RELATIVE	TOTAL NO. OF
нтиом	(L.S.T.)	10%	20%	30%	40%	50%	60%	70%	80%	90%	HUMIDITY	OBS.
SEP	30-82	100.0	100.0	100.0	7,000.0	100.0	94.6	61.6	14.1	•2	72.4	901
	33-05	100.0	100.0	180.0	100.0	100.0	96.3	75.8	26.8	•8	75.0	899
	06-08	100.0	100.0	100.0	100.0	100.0	93.8	62.7	19.6	•3	72.7	901
	09-11	100.0	100.0	100.0	100.0	88.8	27.0	5.0	1.0		58.0	901
	12-14	100.0	100.0	106.0	99.0	61.1	12.3	2.1	•6		53.1	9,01
	15-17	100.0	100.0	100.0	99.9	74.4	14.4	3.7	1.4		55.1	90
	18-20	100.0	100.0	100.0	100.0	99.4	70.8	17.3	2.6	!	64.7	90
	21-23	100.0	100.0	100.0	100.0	100.0	90•2	43.6	6.2		69.4	90
				<u>.</u>								
10	TALS	100.0	100.0	100.0	99.9	90.5	62.4	34.0	9.0	•2	65.1	719

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RELATIVE HUMIDITY

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HONOLULU TAP HI

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OCT

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS			PERCENTAG	E FREQUENCY	Y OF RELATIVE	HUMIDITY GR	EÀTER THAN			MEAN	TOTAL NO. OF	
MONTH	(LS.T.)	10%	20%	30%	40%	50%	60%	70%	80%	90%	RELATIVE	OAS.	
ост	30-02	100.0	100.0	100.0	186.0	190.0	94.7	67.4	17.6	•8	73.1	938	
	J3-05	100.0	100.0	100.0	100.0	100.0	96•Q	75.6	31.4	2.5	75.6	930	
	J6-08	100.0	100.0	100.0	200.0	99.7	94.3	65.7	25.7	2.3	74.0	930	
-	09-11	100.0	100.0	108.0	99.9	89.6	37.3	10.2	2.0	•9	60.0	930	
	12-14	100.0	100.0	100.0	99.7	70.9	18.8	6.1	2.4	•6	55.6	930	
	15-17	100.0	100.0	100.0	100.0	87.8	28.8	5.8	1.9	• 3	58'-3	930	
	18-20	100.0	100.0	190.0	100.0	99.2	82.8	27.1	5.9	•9	67.2	.93	
	21-23	100.0	100.0	100.3	100.0	100.0	91.9	49.0	19.1.	1.1	70.5	930	
		<u> </u>	<u> </u>	 	 	 							
	<u> </u>		 	 	 	 	<u> </u>			<u>-</u>		ļ	
				 	<u> </u>	 		<u> </u>					
TO	TALS	100.0	100.0	100.0	100.0	93.4	68.1	38.4	12.1	1.2	.66.8	7446	

RELATIVE HUMIDITY

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CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS			PERCENTAC	E FREQUENCY	OF RELATIVE	HUMIDITY GR	CATER THAN			MEAN	TOTAL
HTMOM	(LS.T.)	10%	20%	30%	40%	50%	60%	70%	80%	90%	RELATIVE HUMIDITY	NO, OF OBS.
NOV	un-02	100.0	100.0	100.0	100.0	99.8	97.1	81.2	35.7	4 • 1	76.8	900
	03-05	100.0	100.0	100.0	100.0	99.4	97.8	83.2	45.9	9.0	78.7	900
	ű6 - 08	100.0	100.0	160.0	100.0	99.0	95.8	78.3	39.1	8.8	77.6	900
	u9-11	100.0	100.0	100.0	100.0	96.2	57.9	19.4	5.6	•6	63.8	900
	12-14	100.0	100.0	100.0	99.6	85.4	31.8	12.3	4.3	•9	59•2	900
	15-17	100.0	100.0	100.0	99.8	92.7	44.9	17.5	4.7	•7	62.0	900
	18-20	100.0	100.0	100.0	100.3	99.9	93.0	47.7	10.9	•9	70.4	900
	21-23	100.0	100.0	100.0	100.0	99.4	96.4	72.3	22.8	1.3	74.1	899
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	 	ļ	 	ļ	ļ			<u> </u>	<u> </u>			
		 	 	 	 						<u></u>	
	TA16		-	-	-						70.3	
10	TALS	100.0	10.0 100.0 100.0 99.9 96.5 77.0 51.5 21.1 3.3									?19

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RELATIVE HUMIDITY

22521 HONOLULU IAP HI 70-79 DEC

STATION STATION NAME PRIND MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS			PERCENTAG	E FREQUENC	Y OF RELATIVE	HUMIDITY GR	EATER THAN			MEAN	TOTAL NO. OF
HTMOM	(L.S.T.)	10%	20%	30%	40%	50%	60%	70%	80%	90%	RELATIVE	NO. OF OBS.
DEC	30-02	100.0	100.0	100.0	100.0	99.9	95.3	75.4	42.5	5.3	77.3	936
	63-95	130.9	100.0	100.0	100.0	100.0	96.7	79.7	49.0	11.7	79.2	929
	06 - 08	100.0	100.0	100.9	100.0	99.8	95.6	77.2	44.9	10.2	78.3	931
	υ9 <u>−</u> 11	100.0	100.0	100.0	100.0	94.5	66.5	28.7	7.2		65.3	93(
	12-14	100.0	100.0	100.0	99.2	83.5	34.6	11.0	3.4	• 1	59.2	. 29
	15-17	100.0	100.5	100.0	99.8	89.1	48.3	15.4	4.0	• 4	61.5	.929
	13-20	100.0	100.0	160.0	100.0	99.6	87.7	47.8	11.9	•5	69.9	. 93(
	21-23	100.0	100.0	100.0	100.0	100.0	93.9	67.2	27.7	1.4	74.2	931
				 	 	 						
το	TALS	100.0	100.0 100.0 100.0 99.9 95.8 77.3 50.3 23.8 3.7									7.43

RELATIVE HUMIDITY

22521

HONOLULU IAP HI

70-80

ALL

STATION

STATION NAME

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MEAN PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN TOTAL HOURS RELATIVE NO. OF MONTH (E.S.T.) 10% 20% 50% 70% 80% 90% HUMIDITY ALL 100.0 100.0 100.0 100.0 96.2 83.5 61.0 33.3 6.8 73.6 7440 JAN 77.6 70.9 FEB 130.0 160.0 100.0 100%0 95.4 51.3 26.1 4.0 5791 100.0 93.4 74.7 68.4 7439 MAR 100.0 100.0 100.0 41.1 16.1 2.4 APR 100.0 100.0 100.0 99.9 93.2 72.0 40.3 12.2 .7 67.3 7200 7430 YAM 100.0 100.0 100.0 99.9 91.7 68.1 38.2 9.6 • 2 66.1 7198 JUN 100.0 100.0 100.0 99.9 90.0 63.2 31.0 6.8 •5 64.5 JUL 100.0 100.0 100.0 99.9 87.9 58.5 26.1 5.6 . 4 63.3 7437 100.0 100.0 99.8 87.5 58.1 5.5 • 3 63.2 7440 AUG 100.0 26.2 100.0 100.0 99.9 90.5 62.4 9.0 .2 65.1 7199 SEP 100.0 34.0 OCT 100.0 100.0 100.0 100.0 93.4 68.1 38.4 12.1 1.2 66.8 7440 77.0 70.3 7199 NOV 100.0 100.0 100.0 99.9 96.5 51.5 21.1 3.3 50.3 100.0 77.3 70.6 7437 DEC 100.0 100.0 99.9 95.8 23.8 3.7 TOTALS 100.0 100.0 67.5 10040 9949 92.6 70.1 15.1 2.0 87650

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U S AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER

PART F

PRESSURE SUMMARY

Presented in this part are two tables giving the means, standard deviations, and total number of observations of station pressure and sea-level pressure by month and annual for the local hourly observations corresponding to the eight 3-hourly synoptic times GCT. The same computations are also provided at the bottom of the page for all hours combined. All years of data available are combined in both of these tables, although the overall period is limited by service as indicated below.

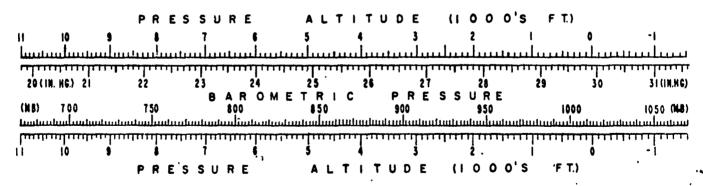
NOTES: Station pressure not reported for all services until late in 1945.

Station pressure reported only at 6-hourly times for Air Force stations from Jan 64 - Jul 65.

METAR stations do not report Sea-leyel pressure for the period Jan 68 - Dec 70.

- 1. Station pressure is presented in the table in inches of mercury.
- 2. Sea-level pressure is presented in millibars.

Provided below is a scale to convert station pressure values in inches of mercury or millibars to pressurealtitude in 1000's of feet. This scale is an enlarged model of the pressure-altitude scale in the Smithsonian Meteorological Tables.



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MEANS AND STANDARD DEVIATIONS

STATION PRESSURE IN INCHES HG FROM HOURLY OBSERVATIONS

STATION FRESSORE IN INCHES HO FROM HOURE OBSERVATIONS

70-80

STATION			STA	TION NAME						YEARS			-	
HRS (L.S T.)		JAN,	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT	NOV.	DEC.	ANNUAL
G2	MEAN S. D. TOTAL OBS	29.941 .102 309	.094	.088	• 062	• 947	• 345	.042	.048	.045	.052	•070		29.993 • 073 3646
. 5	MEAN S.D. TOTAL OBS	•193	• 395	• 089	.862	• 048	•048	•043	•047	• 046	•854	.070) · · · · · · · · · · · · · · · · · · ·	29.973 .073
. 8	MEAN S.D. TOTAL OBS	29.959 •104 329	.094	• 89	.063	• 647	.048	.042	.048	.545	.054	•ú69) i	30.013 .074 3643
i l	MEAN S. D TOTAL OBS	29.97. •101 306	.094	• 088	•662	.047	.046	.043	.049	.046	.054	.068	11	30.019 .073 3630
14	MEAN S.D. TOTAL OBS	29.9J2 •101 309	.091	•U86	.060	.046	.047	.042	.047	.045	.052	.067	1 1	29.969 •076 364
i 7	MEAN S. D. TOTAL OBS	29•902 • J98 3J7	.091	.088	.060	•047	.047	• 043	.047	• 845	.054	.068	. ,,	29.95 .07 363
57.	MEAN S. D TOTAL OBS	29.950 •100 31	.091	.088	•060	.046	.045	.042	.048	. 344	•052	• 168		29.99 .07 364
23	MEAN S.D. TOTAL OBS	29.958 .101 306	.092	.087	.060	•846	.048	• 043	.049	.546	.053	•071	3	30.01 .07 363
ALL HOURS	MEAN S. D. TOTAL OBS	•104	.096	.091	.065	.051	.051	.046	.052	.050	.058	• 073		29.99 .07 2909

MEANS AND STANDARD DEVIATIONS

SEA LEVEL PRESSURE IN MBS FROM HOURLY OBSERVATIONS

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STATION			STA	TION NAME						YEARS				
HRS (L.S T.)		JAN.	FEB	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC	ANNUAL
İ													1016.1	1016.7
0.2	S D.	3.474	3.182	2.986	2.080	1.598	1.600	1.427	1.610	1.504	1.765	2.366	2.746	2.467
	TOTAL OBS	310	283	310	300	310	300	310	310	300	310	- 300	310	365
										<u> </u>		<u> </u>	l	
!	MEAN												1015.6	
-5	S D.	1			2.080	1)	1	1	1	1	1 11	2.47
	TOTAL OBS	310	283	310	300	310	300	310	310	300	310	300	310	365
	MEAN	1015.0	1017.1	1017.7	1018.2	1018.0	1017.7	1017.2	1016.5	1016.0	1016.1	1016.1	1016.7	1016.
. 9	S. D.	3.507	3.172	3.020	2.076	1.573	1.598	1.426	1.627	1.494	1.779	2.321	2.821	2.48
	TOTAL OBS	310	283	31 ú	390	310	299	310	310	299	310	300	310	365
ľ	MEAN	1015.6	1017.6	1018.2	1018.5	1318.1	1017.7	1017.2	1016.5	1016.2	1016.3	1016.4	1017.0	1017.
11	\$. D.	3.424	3.129	2.969	2.082	1.612	1.604	1.471	1.630	1.506	1.800	2.258	2.830	2.45
	TOTAL OBS	310	283	310	300	310	300	316	310	300	310	300	310	365
	MEAN	1717.1	1015.5	1016.3	1016.0	1017.0	1016.7	1016.2	1015.4	1014.5	1014.3	1014.2	1014.7	1015.
14	S. D.				2.021								1	2.55
• '	TOTAL OBS	318											1 ' 11	365
									- 550					
	MEAN	1513.3	1015.1	1015.7	1016.2	1016.3	1016.0	1015.5	1014.7	1014.1	1014.2	1014.3	1014.8	1015.
17	\$. D.	3.335	3.065	2.950	2.016	1.547	1.562	1.447	1.626	1.500	1.784	2.226	2.771	2.42
	TOTAL OBS	31.	283	310	300	309	300	310	310	300	310	300	310	365
	MEAN	1014.7	1016.6	1017.2	1017.7	1.317.6	1017.1	1016.6	1015.9	1015.5	1015.8	1015.0	1016.3	1016.
2	S D.												2.761	2.49
	TOTAL OBS	_ 31 d								•			1 1	365
	MEAN	1015.2	1017.4	1018.1	1018.6	1018.6	1018.1	1017.5	1016.8	1016.3	1016.4	1016.4	1016.9	1017.
23	S. D.	3.421	3.071	2.952	2.031	1.533	1.574	1.432	1.630	1.486	1.763	2.365	2.800	2.48
	TOTAL OBS	310	283	310	300	309	300	309	310	300	310	300	309	365
	MEAN	1 21/1 "	1716 "	1017 1	1017 5	1017 5	1017 1	1016	1615 0	1015 7	1016 "	1015 5	1016.0	1016.
ALL	S. D.			[[(1	
HOURS	TOTAL OBS						2399					1	2.908	2.58 2921

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